404

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER,

1873.

Mon-day 8 a.m. **WEATHER REPORT.** Dec. 1st 1873.

STATIONS	BAROMETER At 8 A.M. Reduced to 32° F at the Mean Sea Level.	Change since yesterday	THERMOMETERS (In shade). At 8 A.M. Dry bulb.	Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	Min.	WIND At 8 A.M. Direc.	Force. (0 to 12.)	Extreme. Force (0 to 12.)	Direc.	Amount of Cloud 0 to 10.	Weather By Beaufort Scale	Rainfall In past 24 Hours.	Sea temperature
Haparanda ...	29.66	+.64	7	6	-20	*	*	S	2	2	S	*	b	*	*
Hernösand ...	29.93	+.79	19	18	-9	*	*	Z	0	2	N	*	b	*	*
Stockholm ...	30.05	+.08	24	23	-13	*	*	N	2	2	N	*	b	*	*
Wisby	30.13	+.16	33	31	-10	*	*	N	6	8	NW	*	rb	*	*
Christiansund ...	29.59	+.18	41	37	+6	*	*	SSW	6	4	SSW	*	sl	*	6
Skudesnaes ...	30.02	+.83	43	41	+2	*	*	SSW	6	4	NNW	*	r	*	7
Oxö (X'tiansand)	30.19	+1.11	37	34	-6	*	*	SW	2	2	N	*	bc	*	1
Skagen (The Skaw)	30.19	+1.19	39	35	-3	*	*	WSW	6	*	*	*	c	*	*
Fanö	30.30	+1.29	36	34	-9	*	*	SSW	2	*	*	*	b	*	*
Cuxhaven ...	30.41r	+1.24	38	35	-9	?	37	N	1	7	N	0	cb	0.06	?
Sumburgh Head															
Stornoway (Hebrides)															
Thurso... ...	29.70f	-.02	52	50	+10	53	33	?SW	3	5	?SW	7	c	0.01	2
Wick	29.75f	-.05	50	48	+16	50	32	?	2	3	SW	10	co	—	1
Nairn	29.84f	+.07	51	47	+14	51	37	W	4	4	WNW	6	bc	—	3
Aberdeen ...	29.92f	+.17	48	46	+9	48	33	SSW	3	3	SSW	8	bo	0.07	1
Leith	30.08f	+.22	50	48	+11	51	38	W	5	3	W	8	bo	—	*
Shields... ...	30.19f	+.40	45	44	+5	45	37	SW	2	4	W	7	bc	—	2
York	30.34r	+.58	40	39	-1	46	33	S	1	2	NW	10	bo	—	*
Scarborough ...	30.30r	+.47	39	38	-2	44	35	SW	1	5	WNW	4	bc	—	3
Nottingham ...	30.43r	+.61	37	37	-7	48	33	SSE	1	5	NW	1	bm	—	*
Ardrossan ...	30.15f	+.32	51	49	+11	51	39	SSW	4	5	SSW	8	co	—	5
Greencastle ...	30.12f	+.15	48	48	+7	48	40	SW	6	6	SW	10	cd	0.01	*
Donaghadee ...	30.22f		49	48	+4	53	41	SSW	4	5	SSW	10	co	—	4
Kingstown ...	30.32r	+.35	51	48	+8	52	43	W	5	6	WNW	9	bo	—	4
Holyhead ...	30.33r	+.45	51	50	+4	52	46	SW	2	5	NW	7	c	—	1
Liverpool (Bidston Obs.)	30.37r	+.48	47	46	+2	47	42	SSW	2	5	WNW	10	co	0.02	2
Valencia ...	30.39r	+.13	53	51	+2	54	48	W	4	5	NW	9	co	0.01	4
Roche's Point ...	30.38f	+.23	50	49	+1	52	45	W	4	6	NW	7	pc	0.10	3
Pembroke ...	30.43r	+.40	51	50	+3	51	47	WSW	3	6	WNW	10	co	0.03	3
Portishead ...	30.47r	+.53	44	44	-2	51	38	WSW	3	5	NNW	10	co	—	2
Scilly	30.52r	+.34	50	50	0	51	48	SW	4	8	NW	8	co	0.02	4
Plymouth ...	30.54r	+.46	41	41	-4	52	39	SW	1	5	NW	8	cf	—	*
Portsmouth ...	30.55r	+.59	41	40	-5	50	37	SW	1	5	SW	8	bf	—	1
Dover	30.54r	+.75	38	36	-6	48	35	WSW	3	6	NW	3	b	—	2
London ...	30.51r	+.66	35	34	-10	49	31	WSW	1	4	NW	4	bc	—	*
Oxford... ...	30.49	+.62	40	39	-3	48	34	S	1	4	NW	10	cf	—	*
Cambridge ...	30.49r	+.69	33	32	-11	48	31	SW	1	2	NW	4	c	—	*
Yarmouth ...	30.47r	+.79	36	35	-8	46	37	SW	3	7	NW	4	rqm	0.05	4
Helder	30.44		45	*		*	*	W	1	*	*	*	*	*	?
Cape Gris Nez...	30.54r	+.74	40	38	-7	49	39	SSW	1	7	WNW	5	c	—	1
Brest	30.61r	+.37	51	51	0	53	47	NW	1	5	NNW	10	o	—	3
L'Orient ...	30.56r	+.34	44	44	-5	56	43	Z	0	7	NNW	2	bc	—	3
Rochefort ...	30.60r	+.19	51	40	-4	55	39	NE	3	7	NW	0	b	—	3
Biarritz ...	30.59r		47	45		54	46	E	1	7	NW	9	fo	—	5
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.53	+.81	42	*	-6	*	*	W	3	*	*	*	?	*	*
Charleville ...	30.49	+.69	36	*	-9	*	*	W	3	*	*	*	c	*	*
Paris	30.59r	+.63	37	?	-6	49	36	NW	3	7	NW	1	cb	—	*
Lyons	?		46	*	-6	*	*	N	3	*	*	*	c	*	
Toulon... ...															

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry.	Wet.	Wind		C.	Wea.	Sea.
Skudesnaes ...	29.76	39	35	NNW	6	*	b	?
Thurso ...								
Scarborough...								
Greencastle ...								*
Holyhead ...								
Valencia ...								
Scilly ...								
London ...								
Rochefort ...	30.30	54	49	NW	7	o	b	5

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain, f. fog, g. dark, gloomy, h. hail l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. wet. &c.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

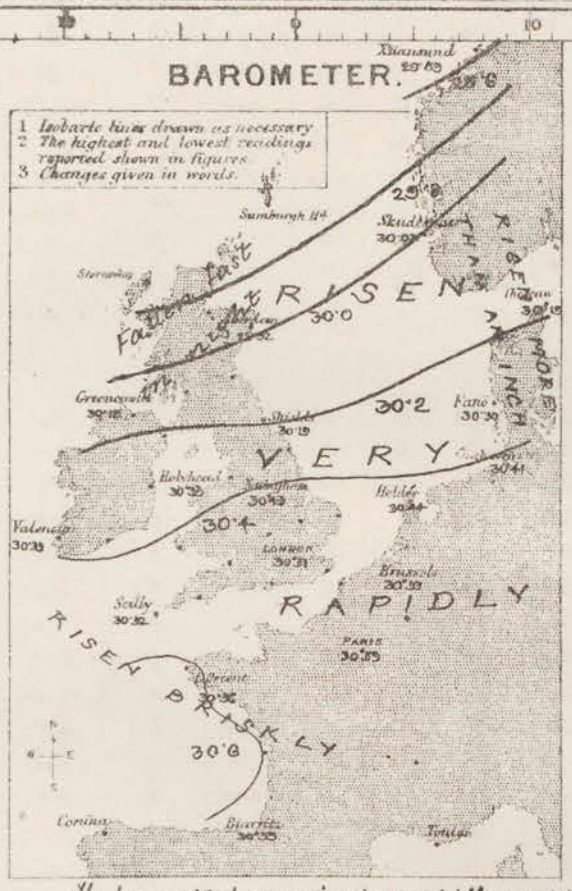
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

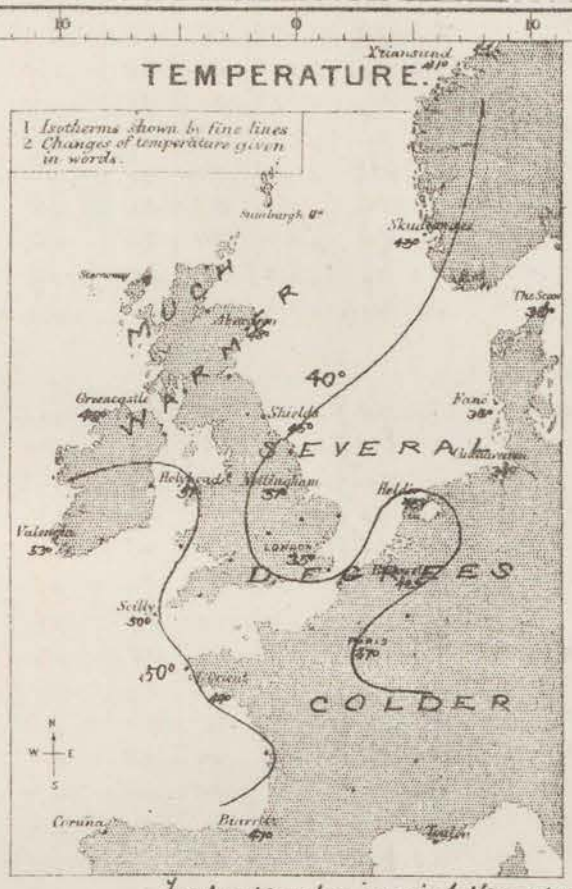
MONDAY 1st DECEMBER 1873 AT 8 A.M.

BAROMETER.



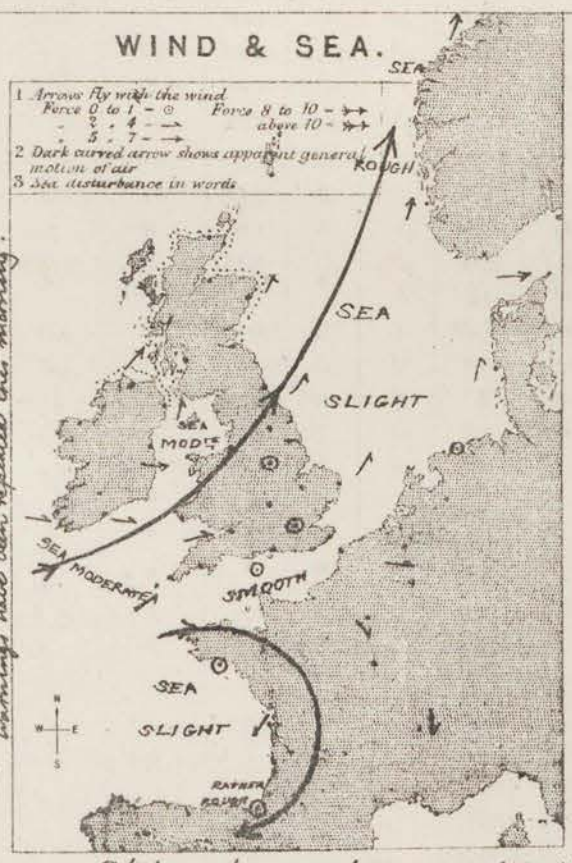
The barometer has again risen rapidly except in the north and west, where during the night the mercury has begun to fall fast again. Readings are very high over the Bay of Biscay. The gradient from Brest to Aldeburgh is 0·05 in. while that from Aldeburgh to Thurso is 0·63 in. per 50 miles.

TEMPERATURE.



Temperature has again fallen at all the eastern and south-eastern stations but risen fast in the north and north-west. Aldeburgh is now 18° warmer than Cambridge.

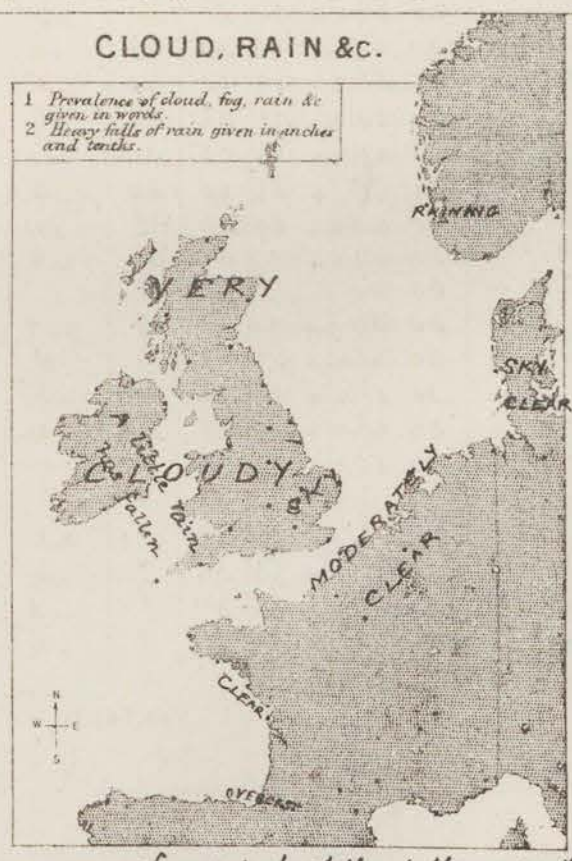
WIND & SEA.



Note A dotted line is drawn round those coasts to which warnings have been repeated this morning.

Strong breezes have again become general except over France. In England they are light, but blow freshly in the west and north-west as well as in Norway. The sea is high on the Norwegian coast, rather rough at Aldeburgh.

CLOUD, RAIN &c.



Some rain has fallen in the west. The sky is very cloudy except in the south-east and over France.

Warnings repeated to our north and north-west coasts this morning.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/ per quarter
" " " book post 5/ per quarter.

Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Tues. daily 8 a.m. **WEATHER REPORT.** December 2nd 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	Min.	WIND. At 8 A.M. Direc.	Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Direc.	Amount of Cloud 0 to 10.	Weather — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29·03	−·63	34	33	+27	*	*	W	8	8	S	*	b	*	*
Hernösand ...	29·45	−·48	36	33	+17	*	*	WSW	4	4	S	*	b	*	*
Stockholm ...	29·73	−·32	40	39	+16	*	*	SW	4	8	SW	*	b	*	*
Wisby	29·97	−·16	42	40	+9	*	*	W	6	6	W	*	cb	*	*
Christiansund ...	29·46	−·13	45	41	+4	*	*	WSW	10	10	SSW	*	r	*	8
Skudesnaes ...	30·02	·00	48	44	+5	*	*	W	6	6	W	*	co	*	4
Oxö (X'tiansund)	30·01	−·18	46	44	+9	*	*	W	6	8	SW	*	rc	*	4
Skagen (The Skaw)	30·02	−·17	46	44	+7	*	*	WSW	6	*	*	*	b	*	*
Fanö	30·22	−·08	47	47	+11	*	*	WSW	6	*	*	*	r	*	*
Cuxhaven ...	30·37f	−·04	44	44	+6	?	35	SW	3	2	SW	6	cm	—	?
Sumburgh Head															
Stornoway (Hebrides)	30·15r	+·38	42	40	−9	57	40	WNW	1	4	W	0	b	0·09	2
Thurso... ...	30·10r	+·40	46	43	−6	56	39	WNW	4	5	SW	?	bm	—	4
Wick	30·15r	+·40	44	42	−6	52	41	W	3	4	W	5	c	—	0
Nairn	30·23r	+·39	46	42	−5	55	45	W	3	4	W	0	b	—	3
Aberdeen ...	30·24r	+·32	41	39	−7	52	40	WSW	1	4	?	0	cbm	—	1
Leith	30·33r	+·27	47	46	−3	55	46	W	3	5	W	2	opb	0·02	*
Shields... ...	30·37r	+·18	48	47	+3	52	44	NW	3	5	WSW	5	c	0·01	2
York	30·42r	+·08	57	50	+1	53	40	W	1	2	N	5	oc	—	*
Scarborough ...	30·40r	+·10	50	49	+11	57	39	W	2	5	SW	7	c	—	2
Nottingham ...	30·47r	+·04	47	46	+10	50	36	SW	2	3	SW	4	cm	—	*
Ardrossan ...	30·37r	+·22	49	47	−2	53	48	ESE	1	5	SW	4	c	0·11	1
Greencastle ...	30·38r	+·26	47	46	−1	50	46	W	1	6	SW	9	po	0·31	*
Donaghadee ...	30·39r	+·17	49	49	0	?	?43	WSW	3	7	WSW	5	oc	—	3
Kingstown ...	30·45r	+·13	53	51	+2	55	50	W	2	5	W	8	o	—	2
Holyhead ...	30·42r	+·09	52	51	+1	54	50	?	2	3	?	7	cm	—	1
Liverpool (Bidston Obs.)	30·46r	+·09	50	49	+3	53	47	?	2	3	SW	10	cr	0·02	2
Valencia ...	30·47r	+·08	52	51	−1	55	50	SW	3	4	SW	8	mq	0·06	4
Roche's Point ...	30·48r	+·10	51	50	+1	54	50	W	3	4	WSW	7	omc	0·02	3
Pembroke ...	30·51r	+·08	51	50	0	52	50	W	3	5	SW	10	om	0·01	3
Portishead ...	30·52r	+·05	49	49	+5	52	42	W	3	3	WSW	5	c	—	2
Scilly	30·51r	+·05	51	50	+1	53	49	WSW	4	5	WSW	7	oc	0·05	4
Plymouth ...	30·56r	+·02	48	48	+7	52	41	Z	0	2	SW	10	f	0·01	*
Portsmouth ...	30·56r	+·01	41	40	0	50	39	SW	1	4	SW	8	cfg	—	1
Dover	30·53r	−·01	48	47	+10	49	36	W	3	3	WSW	5	bg	—	2
London ...	30·52r	+·01	48	47	+13	52	35	WSW	1	3	WSW	10	o	—	*
Oxford... ...	30·49	·00	49	48	+9	49	40	WSW	1	3	SW	10	om	—	*
Cambridge ...	30·51r	+·02	47	46	+14	48	32	SW	1	1	SW	10	cd	0·04	*
Yarmouth ...	30·48r	+·01	47	47	+11	48	35	WSW	3	4	SW	6	cm	—	2
Helder	30·41	−·03	49	*	+4	*	*	SW	4	*	*	*	*		2
Cape Gris Nez...	30·53r	−·01	49	47	+9	50	39	WSW	4	4	WSW	8	o	—	3
Brest	30·63s	+·02	50	50	−1	54	47	W	3	4	W	10	o	—	3
L'Orient ...	30·61f	+·05	47	47	+3	56	42	?	1	3	NNW	9	o	0·08	2
Rochefort ...	30·65r	+·05	38	38	−13	57	37	NE	3	4	ENE	10	bo	—	3
Biarritz ...	30·61r	+·02	37	35	−10	57	36	E	3	5	NE	0	f	—	4
Corunna ...	30·48		48	*		*	*	NE	3	*	*	*	b		2
Brussels ...	30·57	+·04	42	*	0	*	*	SW	3	*	*	*	om		*
Charleville ..	30·52	+·05	48	*	+12	*	*	SW	1	*	*	*	b	*	*
Paris															
Lyons	?	?	43	*	−3	*	*	N	3	*	*	*	b	*	*
Toulon... ...	30·23r	+·28	47	38	+3	53	44	E	4	5	?	4	bc	—	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind		C.	Wea.	Sea.
Skudesnaes ...	29·81	48	47	SW	8	*	r	7
Thurso ...	29·78	50	46	SW	5	4	c	4
Scarborough...	30·24	48	47	SW	3	7	c	3
Greencastle ...	30·16	50	50	WSW	4	10	r	*
Holyhead ...	30·32	52	51	SW	3	4	c	2

	Bar.	Dry.	Wet.	Wind		C.	Wea.
Valencia ...	30·41	53	53	SW	4	7	m
Scilly ...	30·53	52	51	WSW	4	8	po
London ...	30·48	49	46	SW	2	10	co
Rochefort ...	30·64	52	50	ESE	1	0	b

Pressure has begun to increase again in the west, but has fallen slightly in the east. Moderate winds are general in our Islands; and temperature has risen fast in London.

EXPLANATION OF COLUMNS.

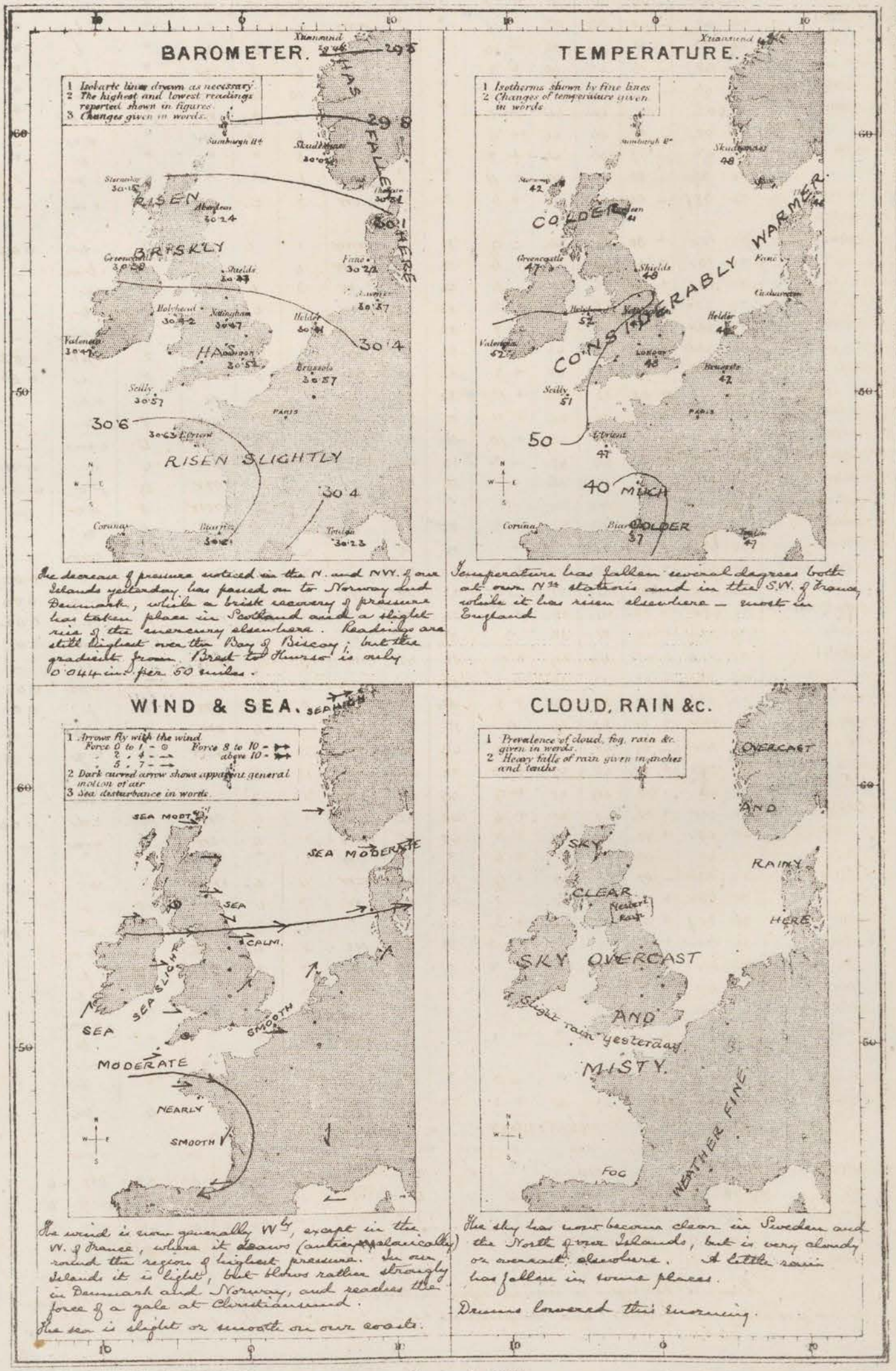
BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B. The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

TUESDAY 2ND DECR 1873 AT 8 A.M.



The decrease of pressure noticed in the N. and NW. of our Islands yesterday has passed on to Norway and Denmark, while a brisk recovery of pressure has taken place in Scotland and a slight rise of the mercury elsewhere. Readings are still highest over the Bay of Biscay; but the gradient from Brest to Hunter is only 0·044 in. per 50 miles.

Temperature has fallen several degrees both at our N.ly stations and in the S.W. of France, while it has risen elsewhere — most in England.

The wind is now generally W.ly, except in the W. of France, where it blows (anticyclonically) round the region of highest pressure. In our Islands it is light, but blows rather strongly in Denmark and Norway, and reaches the force of a gale at Christiansund.

The sea is slight or smooth on our coasts.

The sky has now become clear in Sweden and the North of our Islands, but is very cloudy or overcast elsewhere. A little rain has fallen in some places.

Drums lowered this morning.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Wednesday 8 a.m. **WEATHER REPORT.** Dec 3rd 1873.

STATIONS	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	Wet bulb.	Change in the dry bulb since yesterday	In past 24 hours. Max.	Min.	WIND. At 8 A.M. Direc.	Force — (0 to 12.)	Extreme. Force — (0 to 12.)	Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.88	+ .85	17	17	−17	*	*	NW	4	2	NW	*	b	*	*
Hernösand ...	30.06	+ .61	31	?	−5	*	*	W	2	8	NW	*	b	*	*
Stockholm ...	30.13	+ .40	34	33	−6	*	*	W	2	6	W	*	b	*	*
Wisby	30.14	+ .17	42	40	0	*	*	W	6	8	NW	*	b	*	*
Christiansund ...	29.99	+ .53	43	40	−2	*	*	WSW	6	6	W	*	cr	*	7
Skudesnaes ...	30.26	+ .24	46	46	−2	*	*	S	6	6	WSW	*	br	*	4
Oxö (X'tiansand)	30.34	+ .33	46	44	0	*	*	SW	6	6	WNW	*	bo	*	4
Skagen (The Skaw)	30.37	+ .35	42	41	−4	*	*	W	6	*	*	*	o	*	*
Fanö	30.48	+ .26	44	44	−2	*	*	SSW	4	*	*	*	o	*	*
Cuxhaven ...	30.58r	+ .21	45	45	+1	?	39	SW	2	3	NW	9	mf	0.04	?
Sumburgh Head															
Stornoway (Hebrides)	30.05f	− .10	49	48	+7	49	40	SSW	2	4	SSW	?	bd	0.07	3
Thurso... ...	30.03f	− .07	49	47	+3	50	36	SSW	2	4	W	7	bc	–	2
Wick	30.08f	− .07	49	47	+5	49	37	SW	2	3	W	6	bc	0.01	0
Nairn	30.16f	− .07	50	48	+4	51	44	WNW	2	3	W	8	co	–	2
Aberdeen ...	30.20f	− .04	48	45	+7	49	41	SSW	1	1	WSW	6	cm	0.12	1
Leith	30.30f	− .05	49	47	+2	54	46	W	4	3	W	7	c	–	*
Shields... ...	30.41f	+ .04	50	46	+2	50	47	SW	2	3	WSW	6	c	–	1
York	30.50s	+ .08	49	46	−2	55	48	S	1	1	W	10	cg	–	*
Scarborough ...	30.46f	+ .06	48	47	−2	52	47	WSW	1	2	W	9	co	–	1
Nottingham ...	30.54r	+ .07	48	45	+1	52	47	WSW	2	2	SW	7	mc	–	*
Ardrossan ...	30.35f	− .02	50	48	+1	52	46	SW	5	5	SW	7	c	0.03	4
Greencastle ...	30.35f	− .03	49	48	+2	50	46	WSW	4	4	WSW	10	g	0.04	*
Donaghadee ...	30.40f	+ .01	48	47	−1	52	48	S	4	4	S	10	co	–	2
Kingstown ...	30.50r	+ .05	47	46	−6	55	46	SSE	1	2	W	5	of	–	0
Holyhead ...	30.46r	+ .04	50	48	−2	53	49	SW	3	2	SW	7	pm	0.02	2
Liverpool (Bidston Obs.)	30.53r	+ .07	48	45	−2	52	46	SSW	2	4	WSW	8	o	–	2
Valencia ...	30.51r	+ .04	51	50	−1	53	48	SSW	4	4	SSW	7	gc	–	4
Roche's Point ...	30.53r	+ .05	50	48	−1	54	49	WSW	4	4	WSW	9	o	–	4
Pembroke ...	30.58r	+ .07	49	48	−2	53	48	WSW	2	3	W	10	o	0.01	2
Portishead ...	30.58r	+ .06	47	47	−2	54	44	WSW	3	4	WSW	10	om	–	2
Scilly	30.60s	+ .03	48	47	−3	53	48	SSW	2	4	WSW	8	ofp	0.01	5
Plymouth ...	30.60r	+ .04	48	48	0	52	46	NW	1	2	W	10	f	0.01	*
Portsmouth ...	30.62r	+ .06	48	47	+7	51	41	SW	1	3	SW	9	o	–	1
Dover	30.61r	+ .08	49	48	+1	51	47	SW	1	0	Z	10	of	0.02	0
London ...	30.59r	+ .07	48	47	0	53	47	WSW	1	2	W	10	co	–	*
Oxford... ...	30.58	+ .09	48	46	−1	53	48	SW	1	1	WSW	10	om	–	*
Cambridge ...	30.58r	+ .07	47	46	0	53	43	SW	1	1	SW	10	cg	0.01	*
Yarmouth ...	30.57r	+ .09	49	48	+2	51	46	SW	1	3	WSW	8	cm	0.01	2
Helder... ...	30.56	+ .15	48	*	−1	*	*	SW	3	*	*	*	*	*	2
Cape Gris Nez...	30.62r	+ .09	48	48	−1	51	47	?	1	4	WSW	10	o	–	1
Brest															
L'Orient ...	30.55f	− .06	49	47	+2	56	46	W	3	3	SSW	9	o	–	1
Rochefort ...	30.57r	− .08	39	39	+1	52	37	ENE	4	4	NE	o	cr	–	3
Biarritz ...	30.50f	− .11	40	36	+3	42	34	E	1	3	E	5	f	–	5
Corunna ...				*		*	*			*	*	*		*	*
Brussels ...	30.62	+ .05	45	*	+3	*	*	S	3	*	*	*	o	*	*
Charleville ..	30.62	+ .08	31	*	−17	*	*	S	3	*	*	*	o	*	*
Paris	30.64r	+ .02	36	?	−1	44	37	?	3	3	SSE	10	m	–	*
Lyons	?		?	*		*	*	W	1	*	*	*	b	*	
Toulon... ...															

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.20	47	45	W	6	*	c	5
Thurso ...	30.18	48	43	W	4	4	c	4
Scarborough...	30.45	52	51	W	1	3	b	1
Greencastle ...	30.38	49	49	Z	0	10	d	*
Holyhead ...	30.47	53	52	SW	2	6	c	1

	Bar	Dry.	Wet	Wind			
Valencia ...	30.51	53	52	SW	3	9	o
Scilly ...	30.58	52	51	WSW	3	7	c
London ...	30.54	52	50	W	2	8	oc
Rochefort ...	30.62	48	44	NW	3	10	o

Scarcely any change is reported. —

EXPLANATION OF COLUMNS

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet ground.

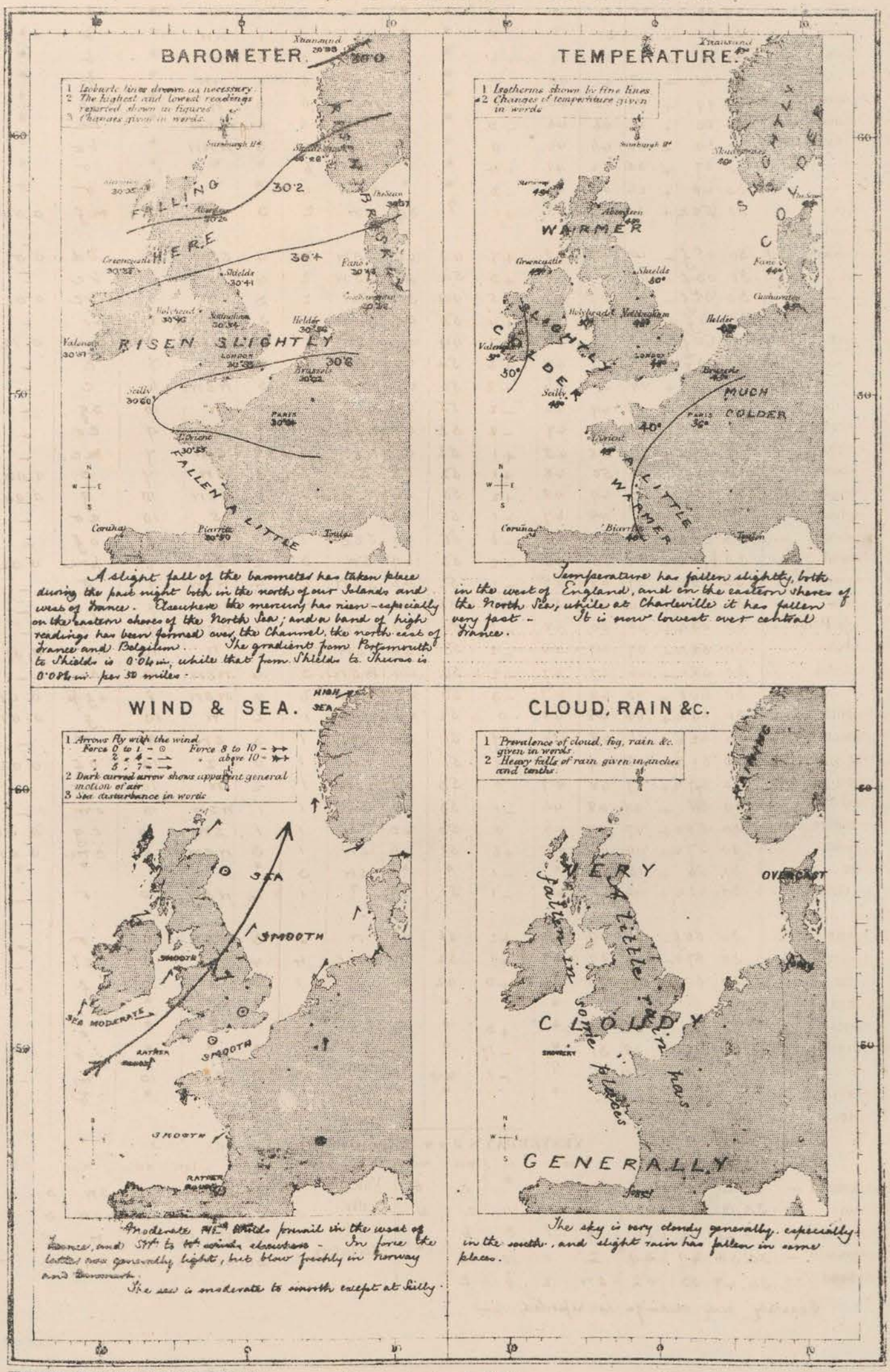
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B. The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 3rd DECEMBER 1873 AT 8 A.M.



A slight fall of the barometer has taken place during the past night both in the north of our Islands and west of France. Elsewhere the mercury has risen - especially on the eastern shores of the North Sea; and a band of high readings has been formed over the Channel, the north east of France and Belgium. The gradient from Portsmouth to Shields is 0·04 in, while that from Shields to Thurso is 0·08 in per 50 miles.

Temperature has fallen slightly, both in the west of England, and on the eastern shores of the North Sea, while at Charleville it has fallen very fast. It is now lowest over central France.

Moderate N.E. winds prevail in the west of France, and S.E. to S.W. winds elsewhere. In force the latter was generally light, but blew freshly in Norway and Denmark.

The sea is moderate to smooth except at Scilly.

The sky is very cloudy generally, especially in the south, and slight rain has fallen in some places.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Thurs-day 8 a.m. . WEATHER REPORT. Dec. 4th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	Min.	WIND. At 8 A.M. Direc.	Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	28.84	-1.04	27	27	+10	*	*	N	2	2	SE	*	s	*	*
Hernösand ...	29.29	-.77	37	35	+6	*	*	N	2	4	SSW	*	o	*	*
Stockholm ...	29.61	-.52	43	43	+9	*	*	W	2	4	SSW	*	b	*	*
Wisby	29.92	-.22	44	41	+2	*	*	NW	2	6	W	*	oc	*	*
Christiansund ...	30.15	+.16	34	31	-9	*	*	WNW	2	10	SW	*	ro	*	8
Skudesnaes ...	30.40	+.14	42	37	-4	*	*	WNW	6	6	WSW	*	co	*	4
Oxö (Christiansand)	30.26	-.08	45	39	-1	*	*	WNW	6	8	SW	*	b	*	4
Skagen (The Skaw)	30.19	-.18	46	41	+4	*	*	NW	10	*	*	*	b	*	*
Fanö	30.45	-.03	43	42	-1	*	*	WNW	4	*	*	*	b	*	*
Cuxhaven ...	30.51f	-.07	47	47	+2	?	43	W	3	3	WSW	9	fo	-	9
Sumburgh Head															
Stornoway (Hebrides)	30.24f	+.19	41	40	-8	51	39	SE	2	4	?	10	do	0.15	4
Thurso... ...	30.36r	+.32	41	39	-8	54	41	S	1	6	SW	10	or	0.05	2
Wick	30.35r	+.27	42	40	-7	53	37	E	1	3	SW	10	co	0.02	1
Nairn	30.37r	+.21	43	42	-7	52	42	Z	0	2	WNW	10	bd	0.02	1
Aberdeen ...	30.40r	+.20	46	43	-2	53	43	SSE	2	3	SSW	10	cg	-	1
Leith	30.43r	+.13	48	47	-1	54	46	W	2	4	W	4	oc	0.02	*
Shields... ...	30.52r	+.11	46	45	-4	52	46	Z	0	6	W	10	cm	-	1
York	30.55r	+.05	45	45	-4	?51	40	S	1	2	W	10	og	-	*
Scarborough ...	30.56r	+.10	43	43	-5	50	42	WSW	2	2	WSW	1	cb	-	2
Nottingham ...	30.61r	+.07	40	40	-8	52	37	SW	3	3	WSW	10	m	-	*
Ardrossan ...	30.47r	+.12	49	47	-1	52	48	SSW	5	5	SW	8	o	0.02	3
Greencastle ...	30.42f	+.07	48	47	-1	50	47	WSW	4	6	W	10	g	0.04	*
Donaghadee ...	30.48r	+.08	46	45	-2	50	45	S	1	5	S	10	o	-	1
Kingstown ...	30.54f	+.04	46	44	-1	52	45	SSE	1	4	SW	8	co	-	0
Holyhead ...	30.50s	+.04	48	47	-2	52	46	SW	3	3	SW	7	m	-	2
Liverpool (Bidston Obs.)	30.58r	+.05	46	43	-2	50	45	SW	1	2	W	10	co	-	2
Valencia ...	30.48f	+.03	50	49	-1	54	48	SSW	4	4	SSW	9	mo	0.14	4
Roche's Point ...	30.63f	.00	50	48	0	51	48	SW	4	4	SW	9	o	0.02	4
Pembroke ...	30.60f	+.02	46	45	-2	51	46	S	1	2	SW	6	oc	0.02	2
Portishead ...	30.62r	+.04	47	46	0	50	46	SW	2	2	WSW	10	o	-	1
Scilly	30.58f	-.02	49	47	+1	53	46	SSE	5	5	SSE	9	o	0.01	4
Plymouth ...	30.61f	+.01	47	46	-1	50	45	E	1	2	E	10	gm	-	*
Portsmouth ...	30.66r	+.04	43	41	-5	51	41	W	1	1	SW	9	o	-	1
Dover	30.64r	+.03	43	42	-6	52	40	WSW	1	1	WSW	10	bgf	-	0
London ...	30.63r	+.04	41	40	-7	50	41	WW	1	2	W	10	o	-	*
Oxford... ...	30.62	+.04	43	41	-5	49	43	SW	1	1	SW	10	om	-	*
Cambridge ...	?30.63r	+.05	42	41	-5	51	39	SW	1	1	SW	10	og	-	*
Yarmouth ...	30.62r	+.05	38	38	-11	50	37	W	2	2	WSW	4	cf	-	2
Helder	30.56	.00	48	*	0	*	*	W	3	*	*	*	*	*	2
Cape Gris Nez...	30.62r	.00	44	42	-4	49	44	Z	0	1	SSW	10	f	-	1
Brest	30.60f		42	40		50	40	E	3	3	E	0	b	-	2
L'Orient ...	30.54f	-.01	41	41	-8	56	41	E	4	4	ESE	1	b	-	2
Rochefort ...	30.54r	-.03	36	34	-3	51	34	E	5	5	ENE	0	b	-	3
Biarritz ...	30.46r	-.04	32	30	-8	46	28	E	4	4	E	0	f	-	4
Corunna ...				*		*	*			*	*	*		*	*
Brussels ...	30.62	.00	44	*	-1	*	*	SW	1	*	*	*	f	*	*
Charleville ...	30.62	.00	40	*	+9	*	*	E	3	*	*	*	f	*	*
Paris	30.63r	-.01	37	?	+1	62	36	NE	1	4	NNE	10	bm	-	*
Lyons	?		49	*		*	*	SW	3	*	*	*	o	*	4
Toulon... ...	30.62r	+.37	52	45	-1	59	50	E	3	3	E	2	bm	-	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.11	48	47	SSW	6	*	o	6
Thurso ...	29.98	53	50	SW	5	8	o	3
Scarborough...	30.45	50	48	WSW	2	7	c	2
Greencastle ...	30.36	50	49	W	6	10	g	*
Holyhead ...	30.51	50	48	SW	3	6	mq	2
Valencia ...	30.52	52	50	SSW	3	8	g	4
Scilly ...	30.61	50	48	SSW	2	7	c	5
London ...	30.61	50	46	W	2	10	o	*
Rochefort ...	30.54	50	45	NE	5	0	b	3

Pressure has begun to recover slowly at Greencastle but both at Thurso and Rochefort the barometer has again fallen. The wind has freshened from W. or SW. at our most NW. stations; while at Rochefort a rather fresh NE wind is reported.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**; *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

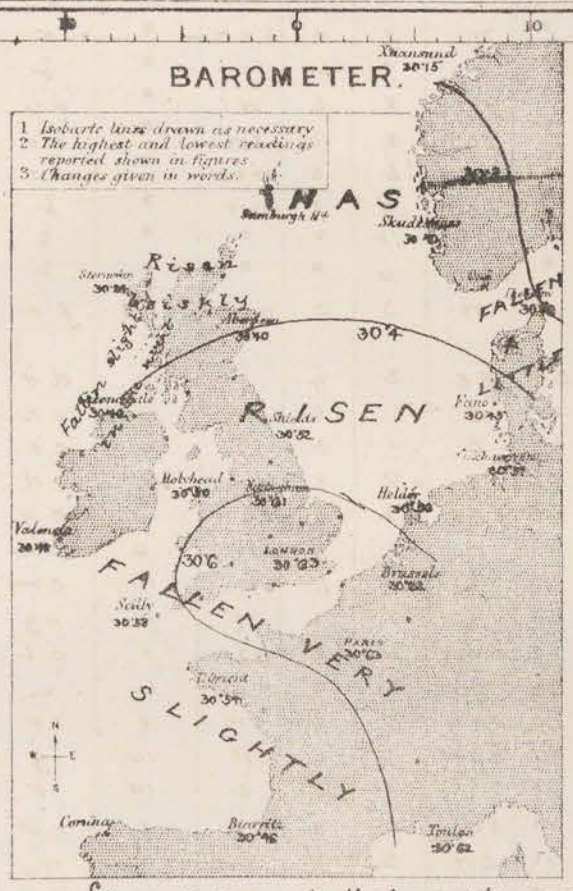
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

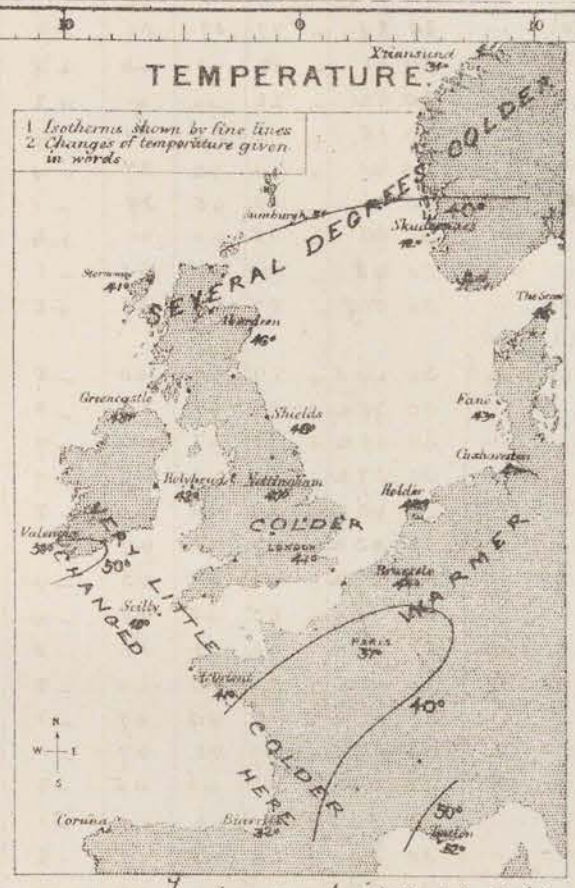
THURSDAY 4TH DECEMBER 1873 AT 8 A.M.

BAROMETER.



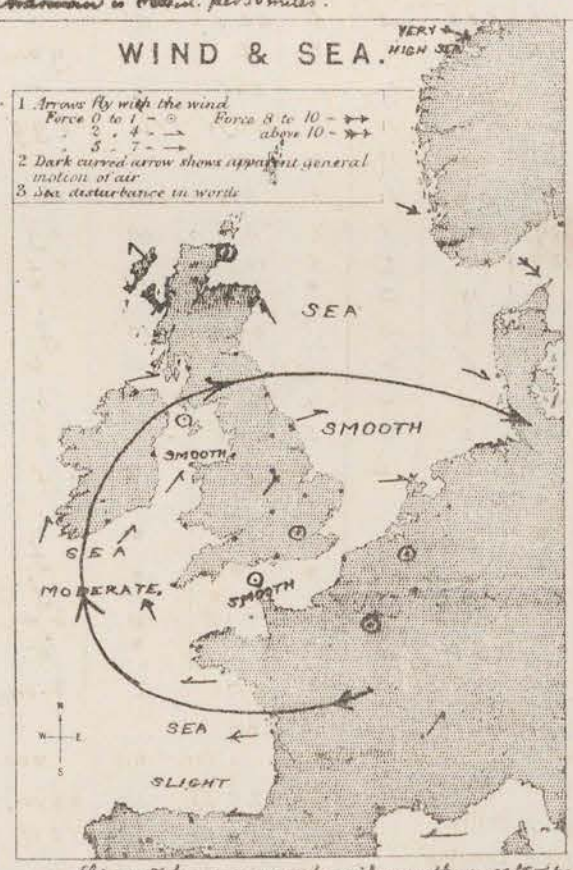
Since yesterday morning the changes of pressure over western Europe have been rather irregular. In the north of our Islands a recovery has taken place, while in the west of France the fall noticed yesterday has continued slowly. During the night, however, the mercury has begun to fall both in Ireland and the west of Scotland. A region of high pressure now lies over the south of England, Belgium and the east of France, and the gradient from Portsmouth to Aberdeen is 0·1 in. per 50 miles.

TEMPERATURE.



Temperature has fallen in all places except the Netherlands and east of France.

WIND & SEA.



Light NW winds now prevail over the greater part of our Islands and moderate E. breezes in France. At our southern and south-eastern stations variable airs and calms are reported, while in Norway NW winds are blowing, varying in force from a fresh breeze to a gale.

The sea is moderate to smooth, except at Christiansund.

CLOUD, RAIN &c.

A little rain has fallen in the west and north. The sky is overcast generally and a good deal of haze is reported, with fog in the south-east.

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Meteorological Office
116, Victoria Strt. Westminster. S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Fri-day 8 a.m. **WEATHER REPORT.** Dec 5th 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER Change since yesterday.	THERMOMETERS (In shade). At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	In past 24 hours. Min.	WIND At 8 A.M. Direc.	At 8 A.M. Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.67	+.82	10	10	-17	*	*	SW	2	?	W	*	b	*	*
Hernösand ...	29.84	+.55	27	27	-10	*	*	WSW	2	8	WNW	*	o	*	*
Stockholm ...	29.93	+.32	37	?	-6	*	*	SSW	2	8	NW	*	b	*	*
Wisby	30.15	+.23	33	30	-11	*	*	SSW	2	8	NW	*	bo	*	*
Christiansund ...	29.09	-1.06	39	39	+5	*	*	SW	6	2	SSE	*	sh	*	6
Skudesnaes ...	29.69	-.71	48	46	+6	*	*	WSW	8	6	SE	*	o	*	7
Oxö (Vidansand)	29.78	-.48	46	45	+1	*	*	W	8	2	WNW	*	o	*	5
Skagen (The Skaw)	29.88	-.31	46	45	0	*	*	W	6	*	*	*	r	*	*
Fanö	30.15	-.30	45	45	+2	*	*	WSW	6	*	*	*	o	*	*
Cuxhaven ...	30.31f	-.20	42	42	-5	47	?	WSW	5	4	W	9	m	-	?
Sumburgh Head															
Stornoway (Hebrides)	30.02r	-.22	45	43	-4	51	38	WNW	?	8	? W	4	rc	0.26	3
Thurso... ...	29.91f	-.44	46	42	+5	52	40	NW	6	7	W	7	o pc	0.06	4
Wick	29.98f	-.37	44	42	+2	51	40	NW	3	5	WNW	8	o	0.15	1
Nairn	30.05f	-.32	46	44	+3	51	43	W	3	6	W	8	co	0.03	2
Aberdeen ...	30.03f	-.27	48	45	+2	51	45	WNW	3	3	WNW	9	co	0.05	1
Leith	30.10f	-.33	50	48	+2	52	44	W	5	4	W	8	co	-	*
Shields... ...	30.21f	-.31	50	46	+4	59	46	W	6	5	W	5	ow	-	2
York	30.38f	-.22	49	46	+4	49	44	SW	1	2	S	9	o	-	*
Scarborough ...	30.26f	-.30	46	45	+3	47	42	W	2	2	WSW	8	co	-	2
Nottingham ...	30.39f	-.22	43	42	+3	46	36*	S	4	4	S	4	gm	-	*
Ardrossan ...	30.17f	-.30	52	49	+3	52	49	WSW	4	6	SW	6	c	-	4
Greencastle ...	30.23f	-.19	49	48	+1	49	47	W	5	5	W	10	gd	0.01	*
Donaghadee ...	30.24f	-.24	49	47	+3	49	46	WSW	5	5	WSW	4	c	-	3
Kingstown ...	30.37f	-.17	50	46	+4	52	46	SW	2	2	SSE	9	og	-	1
Holyhead ...	30.33f	-.17	50	46	+2	50	46	SW	2	4	SW	7	dmg	0.02	2
Liverpool (Bidston Obs.)	30.40f	-.18	48	45	+2	48	44	WSW	3	3	WSW	9	o	-	3
Valencia ...	30.37f	-.11	51	50	+1	53	48	SW	1	5	SSW	9	mo	0.04	3
Roche's Point ...	30.42f	-.11	50	48	0	50	48	WSW	2	5	WSW	9	o	0.04	3
Pembroke ...	30.45f	-.15	50	47	+4	50	46	WSW	1	2	SSW	9	o	-	2
Portishead ...	30.44f	-.18	42	40	-5	47	39	WSW	2	2	S	9	o	-	1
Scilly	30.44f	-.14	49	48	0	50	47	SSW	1	5	SSE	7	c	-	3
Plymouth ...	30.46f	-.15	44	44	-3	51	41	E	1	1	E	0	gf	-	*
Portsmouth ...	30.49f	-.17	44	44	+1	47	41	SW	1	1	SW	9	o	-	1
Dover	30.49f	-.15	43	42	0	46	41	SW	3	3	WSW	10	fg	-	2
London ...	30.46f	-.17	42	41	+1	43	40	W	1	1	WNW	10	o	-	*
Oxford	30.46	-.16	43	42	0	45	42	WSW	1	1	WSW	10	om	-	*
Cambridge ...	30.45f	-.18	42	40	0	44	39	SW	1	1	SW	10	g	-	*
Yarmouth ...	30.43f	-.19	41	41	+3	43	36	W	3	4	WSW	6	fm	-	2
Helder	30.41	-.15	45	*	-3	*	*	SW	6	*	*	*	*	*	4
Cape Gris Nez...	30.49f	-.13	39	39	-5	46	37	SW	3	1	SSW	10	cf	-	2
Brest	30.46f	-.14	42	42	0	54	39	SSE	3	3	E	?	?	-	3
L'Orient ...	30.41f	-.13	37	30	-4	55	30	E	3	4	E	10	bf	-	2
Rochefort ...	30.47f	-.07	35	35	-1	46	31	E	4	5	ENE	10	bf	-	3
Biarritz ...	30.38f	-.08	30	28	-2	40	27	SSE	4	4	E	0	f	-	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.55	-.07	39	*	-5	*	*	WSW	3	*	*	*	o	*	*
Charleville ...	30.54	-.08	37	*	-3	*	*	E	6	*	*	*	o	*	*
Paris	30.51f	-.12	37	?	0	39	36	SE	1	3	NE	10	m	-	*
Lyons	?		38	*	-11	*	*	N	3	*	*	*	f	*	*
Toulon... ...	30.38r	-.24	47	40	-5	57	46	SE	4	4	E	2	cb	-	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.38	40	37	NNW	2	*	o	3
Thurso ...	30.11	45	44	S	3	7	pc	3
Scarborough...	30.46	46	44	WSW	2	9	o	2
Greencastle ...	30.36	48	47	SW	4	10	g	*
Holyhead ...	30.50	49	48	SW	4	6	o	3
Valencia ...	30.44	50	50	SSW	5	7	m	5
Scilly ...	30.57	50	48	S	4	7	c	4
London ...	30.62	43	41	W	1	10	og	*
Rochefort ...	30.51	46	44	ENE	4	o	b	3

The fall noticed this morning in the W. of France still continues, and the decrease of pressure reported from the West of our Islands has extended to all our stations, and has become brisk at Thurso. The wind has backed a little at Rochefort, but remains almost unchanged elsewhere — but the clouds at Thurso are driving from West — Warnings issued to W^m stations. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet. dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

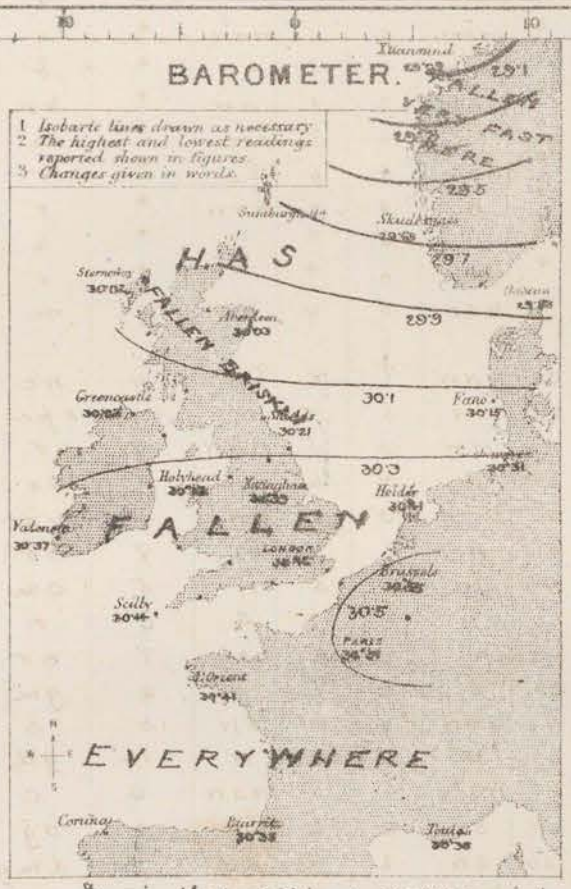
N.B. The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

FRIDAY 5TH DECEMBER 1873 AT 8 A.M.

BAROMETER.

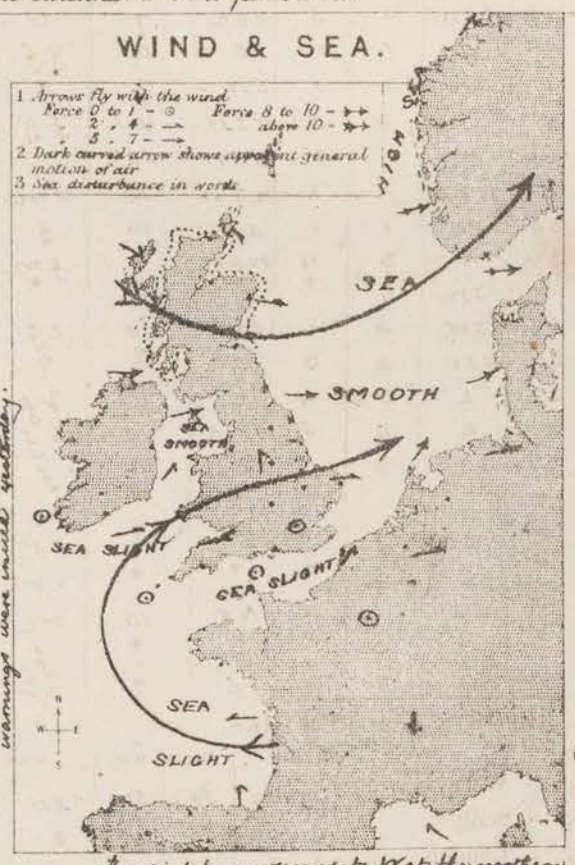


During the past 24 hours a deep depression has advanced from the W.ds over Norway, so that the barometer has fallen very rapidly in that country, and to a lesser extent over the rest of north western Europe. At Stornoway a recovery has already commenced. The highest readings are found in Belgium and the north east of France. The gradient from Holyhead to Thurso is 0·07 in., while that from Brest to Christiansund is 0·11 in. per 50 miles.

TEMPERATURE.

Temperature has risen at all the western and northern stations, but fallen slightly in France. Elsewhere little change is reported.

WIND & SEA.



Note A dotted line is drawn round those coasts to which warnings were issued yesterday.

Drums hoisted this morning.

The wind has now veered to W at the northern stations – In the south of Norway it has increased to a fresh gale, and in Scotland it has freshened. A W.ly gale was felt at Stornoway also in the night. In the south of our Islands light W.ly breezes are reported, while an E.ly breeze still prevails at Cuxhaven.

The sea is high on the west coast of Norway, moderate to smooth on our coasts.

CLOUD, RAIN &c.

A little rain has fallen in the north. The sky is overcast generally.

Warnings were issued to the Scotch coasts yesterday. Drums hoisted this morning.

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Meteorological Office
116, Victoria Str.t, Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Saturday 8 a.m. **WEATHER REPORT.** Dec 6th 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER Change since yesterday	THERMOMETERS (in shade). At 8 A.M. Dry bulb.	THERMOMETERS At 8 A.M. Wet bulb.	THERMOMETERS Change in the dry bulb since yesterday	THERMOMETERS In past 24 hours. Max.	THERMOMETERS In past 24 hours. Min.	WIND At 8 A.M. Direc.	WIND At 8 A.M. Force. (0 to 12.)	WIND Extreme. Force (0 to 12.)	WIND Extreme. Direc	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby						*	*					*		*	*
Christiansund ...						*	*					*		*	
Skudesnaes ...	30.18	+.49	35	34	−13	*	*	NNE	2	6	NNW	*	co	*	3
Oxö (X'iansand)	30.13	+.35	39	34	−7	*	*	NE	2	4	NW	*	bc	*	2
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö	30.08	−.07	39	39	−6	*	*	NNW	4	*	*	*	c	*	*
Cuxhaven ...	30.06f	−.25	38	37	−4	46	?	NNE	4	6	NSW	5	rb	0.52	?
Sumburgh Head															
Stornoway (Hebrides)	30.36r	+.34	34	32	−11	45	30	NNW	1	3	NNW	2	pb	0.10	3
Thurso... ...	30.31r	+.40	38	37	−8	46	38	NNW	1	5	NW	3	gm	0.19	2
Wick	30.37r	+.39	33	32	−11	44	30	SW	1	1	NW	3	cb	0.10	c
Nairn	30.42r	+.37	33	31	−13	46	33	N	1	3	N	2	rb	0.20	1
Aberdeen ...	30.38r	+.35	37	35	−11	48	37	NNW	2	3	NNW	2	ob	0.22	1
Leith	30.45r	+.35	38	37	−12	52	36	N	2	5	N	4	rc	0.45	*
Shields... ...	30.43r	+.22	42	40	−8	52	41	NNW	4	5	NW	7	oc	0.13	3
York	30.41r	+.08	39	38	−10	52	38	NW	1	3	N	2	ob	—	*
Scarborough ...	30.40r	+.14	41	40	−5	50	40	NNW	3	4	N	7	c	0.05	3
Nottingham ...	30.43r	+.04	44	41	+1	51	42	N	1	5	S	10	mo	0.01	*
Ardrossan ...	30.46r	+.29	34	33	−18	52	34	NE	1	4	NSW	4	c	0.22	0
Greencastle ...	30.45r	+.22	41	40	−8	49	40	NW	1	5	N	4	dc	0.34	*
Donaghadee ...	30.43r	+.19	40	39	−9	52	40	NNW	3	6	NSW	4	c	—	3
Kingstown ...	30.50r	+.13	42	40	−8	53	42	N	2	3	NSW	7	gf	—	2
Holyhead ...	30.41r	+.08	46	44	−4	52	45	ENE	2	3	SW	3	cb	—	1
Liverpool (Bidston Obs.)	30.44r	+.04	41	40	−7	51	40	NNE	1	7	NSW	7	of	—	2
Valencia ...	30.48r	+.11	51	50	0	53	49	NNW	1	2	N	9	o	—	1
Roche's Point ...	30.47r	+.05	50	49	0	52	48	SE	1	3	NSW	9	o	—	3
Pembroke ...	30.46r	+.01	47	45	−3	51	46	NNE	2	3	NSW	7	gc	—	1
Portishead ...	30.41r	−.03	47	45	+5	49	40	NE	4	4	N	5	oc	—	3
Scilly	30.47r	+.02	50	49	+1	51	47	NNW	3	3	NNW	8	oo	—	3
Plymouth ...	30.44r	−.02	45	45	+1	49	44	Z	0	1	E	10	gf	—	*
Portsmouth ...	30.43f	−.06	44	43	0	47	41	NNW	1	1	SW	8	o	—	1
Dover	30.34f	−.15	45	44	+2	46	40	NE	4	3	NSW	5	fw	—	2
London ...	30.39s	−.07	45	42	+3	46	42	NNE	2	2	N	8	gom	—	*
Oxford... ...	30.42	−.04	43	41	0	47	42	N	1	2	N	10	om	—	*
Cambridge ...	30.40r	−.05	43	41	+1	48	37	NW	1	1	SW	10	oo	—	*
Yarmouth ...	30.36r	−.07	43	42	+2	47	38	N	4	4	N	6	mc	—	3
Helder	30.19	−.22	44	*	−1	*	*	NNE	3	*	*	*	*	*	4
Cape Gris Nez...	30.39f	−.10	47	45	+8	?	38	NNW	4	3	SW	10	fo	—	3
Brest	30.46f	.00	48	43	+6	?	40	NNE	3	3	SSE	10	o	—	2
L'Orient ...	30.41r	.00	38	38	+1	43	33	SE	1	1	E	10	fo	—	1
Rochefort ...	30.42f	−.05	36	36	+1	39	32	ENE	3	4	E	10	of	—	3
Biarritz ...	30.41r	+.03	45	43	+15	?	30	S	4	3	?NE	9	fo	—	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.25	−.30	41	*	+2	*	*	NNW	3	*	*	*	r	*	*
Charleville ...	30.31	−.23	34	*	−3	*	*	SW	3	*	*	*	o	*	*
Paris	30.40f	−.11	33	?	−4	38	32	NW	1	3	SSE	10	mo	*	*
Lyons	?		41	*	+3	*	*	N	3	*	*	*	f	*	
Toulon... ...															

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry	Wet	Wind		C.	Wea.	Sea.
Skudesnaes ...	29.85	43	39	NNW	10	*	0	7
Thurso ...	30.07	44	41	NW	2	8	g	3
Scarborough...	30.21	50	48	N	3	7	c	3
Greencastle ...	30.22	48	48	N	1	10	m	*
Holyhead ...	30.34	51	49	SW	2	6	g	1

	Bar	Dry.	Wet.	Wind		C.	Wea.	Sea.
Valencia ...	30.39	50	52	SW	1	9	o	2
Scilly ...	30.44	50	49	Z	0	7	c	*
London ...	30.43	46	44	N	1	10	og	3
Rochefort ...	30.45	37	35	E	4	10	o	

Pressure has recovered briskly at Thurso since the morning, but elsewhere the changes have been slight and irregular. The winds have become very light but are identical in direction with those reported this morning.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency. w. wet. &c.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

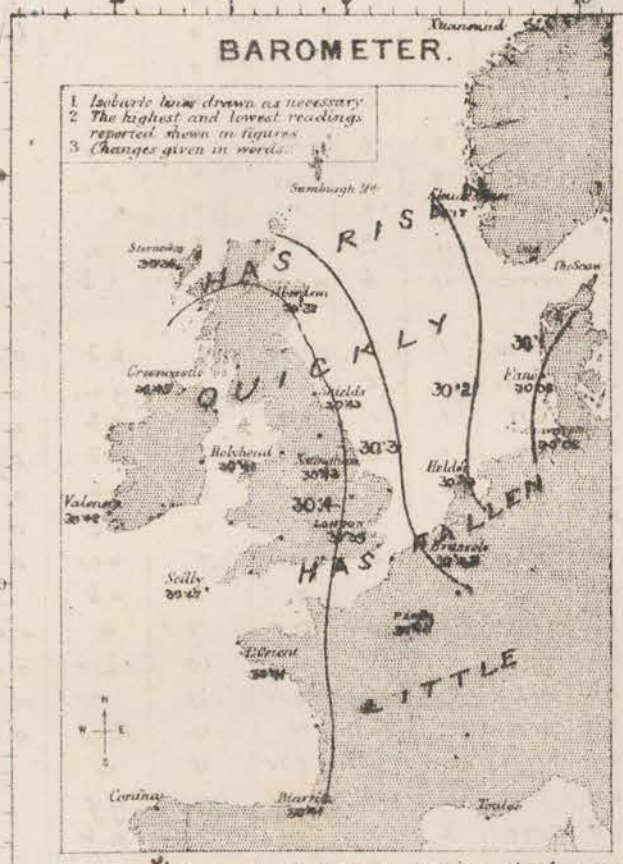
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

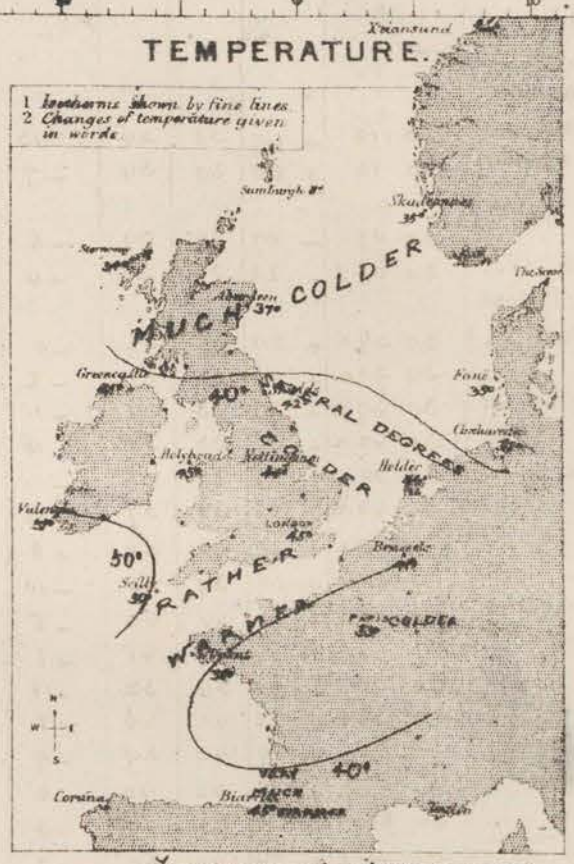
SATURDAY 6TH DECEMBER 1873 AT 8 A.M.

BAROMETER.



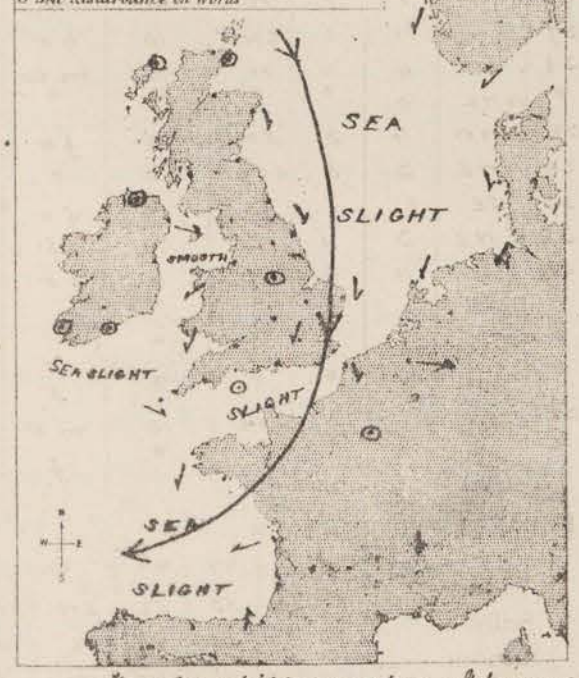
The recovery of pressure noticed in the north of Scotland yesterday afternoon has continued and extended to all but the most southern and south eastern stations. The lowest readings are now found over Denmark and north Germany, while the highest is off our western shores. The gradient from London to Cuxhaven is 0·05 in. per 50 miles.

TEMPERATURE.



Temperature has fallen several degrees at the northern and eastern stations, while it has risen somewhat on our south east coasts and very many degrees at Biarritz.

WIND & SEA.



The wind is light everywhere. It has now veered to NW at the Scotch stations and to N over the North Sea and central England, while variable E^ly breezes prevail in the west of France. On our western coasts variable airs are reported.

The sea is slight or smooth.

CLOUD, RAIN &c.

Some rain has again fallen in the north, and a little in the north east. The sky has since become much clearer in these regions, but continues very cloudy in the south.

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——— " " book post 5/ per quarter.

Meteorological Office
116, Victoria Str^t. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from November 30th to December 6th 1873.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The centre of the disturbance noticed at the close of last week's summary had reached Denmark by the morning of the 30th after causing a continuance of gales and strong winds from W. or NW. on almost all our coasts. It then quickly disappeared, and until nearly the close of the week the highest readings were found over the Bay of Biscay or France, and some other disturbances passed from W. to E over the N^rn parts of N^rn Europe. On the 6th however pressure had become highest in the W. and lowest in the E. so that N^rly breezes set in over the North Sea and England. During the greater part of the week E^ly winds have been felt in the W. of France, in which country the temperature has usually been lowest; but to the N^wd or NW^wd mild cloudy weather has been general, with a little rain in the W. and N.

NOV: 30th – The centre of the depression which was advancing over the N^rn parts of the Kingdom on the 29th had travelled rapidly to the E^wd and had reached Denmark, where the mercury fell fast. A very considerable recovery had taken place over our Islands, especially in the N. and steep gradients for N. and NW. winds lay over the North Sea. The wind after blowing a hard gale from W. on our W^rn coasts and a fresh gale in the S. and SE. had veered towards NW. and, though still rather strong was now moderating generally in the British Isles: The track of the centre lay too far S. for our N^rn coasts to feel much wind. Temperature fell everywhere save in the S. of France, and the sky became much clearer

DEC: 1st – The disturbance just noticed had entirely disappeared from our neighbourhood, and the recovery over the E^rn shores of the North Sea had been exceedingly rapid. On our NW^rn and N^rn coasts, however, a new fall had set in, while the highest readings were still found in the Bay of Biscay. The wind, after falling light generally backed to SW. over the United Kingdom and in Norway, freshening considerably in the W. and N., while light W^rly breezes were felt in Belgium and variable E^ly airs in the SW. of France. Temperature rose at the W^rn and N^rn stations but again fell elsewhere. At 8 am. Aberdeen was 18°, and Valencia 20° warmer than Cambridge. Clouds became increased except at the E^rn and French stations, and some rain fell in the W. and NW. Thick fogs occurred at Plymouth and Portsmouth.–

DEC: 2nd – The slight fall noticed on our N^rn coasts produced little effect, but in Norway a more marked change had occurred. The barometer had risen in all parts of France and the British Isles, chiefly in the N. and the highest readings lay over the W. of France. Strong W^rly breezes were felt in Norway and Denmark, attaining the force of a gale at Christiansund and light breezes from the same quarter in the British Isles, while moderate SW. winds were felt on the Dutch coasts. Temperature had become more uniform generally by rising fast in the E. and SE, but in the SW. of France it had fallen locally and was low. The sky became clear both on our N. and E coasts and in the SW. of France, but was very cloudy elsewhere and a few showers fell in some places. During the day pressure gave way in the Bay of Biscay and subsequently at our N^rn stations also, so that the position of the region of highest pressure became changed.–

DEC: 3rd – Readings varied from about 30·6 in: on our S^rn coast and the NE of France to 30·35 in: at Cromma and 30·0 in: in the N. of Scotland and at Christiansund. The gradients were moderate, except in the most N^rn regions. Southwesterly winds were generally prevalent, blowing moderately or freshly except in the E and SE where they were very light; while in the W. of France and N. of Spain the E^ly wind became rather more decided. Temperature rose a little in Scotland but fell rapidly in the E of France and the coldest

weather was found over the central and NE^rn French stations. Very cloudy weather was reported from all coasts, with some rain in the W. and N. As the day advanced a slight disturbance seems to have crossed the N. of G^t Britain, but on reaching Scandinavia next morning it was more marked.—

DEC: 4th. — Pressure having risen briskly over the British Isles (most in the N.) while it fell slightly in the W. of France and on the shores of the Skager Rack, the region of highest readings (exceeding 30·6 in.) had extended from the E. of France over the more S^rn part of England. Moderate E^ly breezes were general over the Bay of Biscay, drawing into S. on our W^rn shores and SW. at most of the Scotch stations, while strong WNW breezes were blowing in the S. of Norway and NW^ly gales at Christiansund and the Scaw. Temperature fell considerably except in the NE of France and on our SW. coasts, but was on the whole very uniform. The sky was overcast and gloomy in the N. and E. of G^t Britain, clear in Denmark, and the W. of France, very foggy in Belgium and during the day the barometer again fell in the N. and a little rain occurred in Scotland. Aurora was seen at Wick in the evening.—

DEC: 5th. — A new depression had travelled from W. to E. over the most N^rn stations, during the previous 24 hrs. and by 8 am. its centre had reached the W. of Norway, causing a fall of more than an inch in the barometer at Christiansund and extending in a less degree to our most S^rn stations. The highest readings were found in Belgium and its neighbourhood the gradient from the Helder to Christiansund being 0·11 in: per 50 miles. In the S^rn regions the wind showed very little change but on our N^rn coasts it freshened considerably from W. and had blown a gale at Stornoway in the night In Norway, after falling light generally and backing to SE at Skudesnaes, it had again veered to W. and was blowing a gale at Skudesnaes and Oxö and a strong breeze at the Danish stations. The weather became warmer and remained cloudy except in France where the thermometer fell again, and fogs prevailed. Rain fell at the N^rn stations during the day.—

DEC: 6th. — Yesterdays disturbance had continued to travel E^wds and had disappeared from N^rn Europe. A marked recovery had occurred in the N., while a slight fall was reported from Holland, and the highest readings were found, at 8 am., over the Bay of Biscay and W. of the United Kingdom. The wind fell very light everywhere, veering to N. over the North Sea, and England but drawing round to NW. in Belgium, while it remained E^ly in the W. of France. Temperature fell very much in the N. and E. and a few degrees in the NE of France, but a temporary rise occurred in the S. of our Islands and Bay of Biscay. The sky became much clearer in the N. and NE. but fog or gloom prevailed in the W. and SW. During the day the cold weather extended S^wds and the weather was dry everywhere.—

Meteorological Office
116, Victoria Str^t. Westminster, S.W.
ROBERT H. SCOTT, Director.

Sun-day 8 a.m. **WEATHER REPORT.** Dec 7th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	In past 24 hours. Min.	WIND. At 8 A.M. Direc.	At 8 A.M. Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby						*	*					*		*	*
Christiansund ...	29.76	-.29	45	41	+12	*	*	SW	8	6	SW	*	r o	*	6
Skudesnaes ...	30.26	+.08	44	41	+9	*	*	SSW	6	2	NNE	*	c o	*	4
Oxö (X'tiansand)	30.34	+.21	37	36	-2	*	*	SW	4	4	N	*	c	*	2
Skagen (The Skaw)	30.35		38	36		*	*	W	4	*	*	*	b	*	*
Fanö	30.47	+.09	38	38	-1	*	*	WSW	2	*	*	*	c	*	*
Cuxhaven ...	30.52 r	+.46	31	29	-7	43	?	SSW	3	2	SE	2	c	-	?
Sumburgh Head															
Stornoway (Hebrides.)	29.96 f	-.42	50	46	+16	50	37	? W	7	7	? W	8	qq	-	6
Thurso... ...	29.97 f	-.34	49	44	+11	50	32	S	2	3	SW	7	c	-	3
Wick	30.08 f	-.29	41	39	+8	46	31	S	2	3	SW	7	c o	0.02	1
Nairn	30.12 f	-.30	48	45	+15	48	33	WSW	4	4	W	6	b c	-	2
Aberdeen ...	30.24 f	-.14	42	40	+5	42	34	SSW	2	4	S	9	b o	-	1
Leith	30.27 f	-.18	48	46	+10	49	30	W	3	2	W	6	c	-	*
Shields... ...	30.39 f	-.04	35	34	-7	44	35	SW	2	4	NW	3	m b	-	3
York	30.47 f	+.06	39	37	0	45	37	S	1	1	NW	9	c o	-	*
Scarborough ...	30.45 f	+.05	38	37	-3	44	36	WSW	2	3	W	7	c	-	2
Nottingham ...	30.54 f	+.11	42	38	-2	46	42	SSW	3	3	N	6	m	-	*
Ardrossan ...	30.30 f	-.16	49	47	+15	49	35	SW	4	4	SW	7	c	-	3
Greencastle ...	30.27 r	-.18	45	44	+4	45	40	SW	4	4	SW	2	b	0.01	*
Donaghadee ...	30.38 f	-.05	44	43	+4	48	34	S	3	4	WNW	10	c o	-	2
Kingstown ...	30.42 f	-.08	49	45	+7	50	42	S	2	2	W	9	f g	-	1
Holyhead ...	30.38 f	-.03	48	48	+2	49	43	SW	2	2	ENE	10	c m	-	1
Liverpool (Bidston Obs.)	30.46 f	+.02	41	39	0	45	38	SSE	2	3	SSE	10	c o	-	1
Valencia ...	30.46 f	-.02	52	51	+1	54	48	SW	3	3	W	8	o g	-	3
Roche's Point ...	30.47 f	.00	51	49	+1	51	47	WSW	3	3	SE	9	o	-	3
Pembroke ...	30.52 f	+.06	49	48	+2	50	45	SW	1	2	E	10	c p	0.11	2
Portishead ...	30.53 r	+.12	42	40	-5	47	39	Z	0	3	NE	8	o	-	0
Scilly	30.50 s	+.03	50	49	0	52	49	Z	0	3	WNW	9	g o	-	2
Plymouth ...	30.51 s	+.07	46	45	+1	51	44	Z	0	1	SE	10	g m	-	*
Portsmouth ...	30.57 r	+.14	45	44	+1	48	40	SW	1	3	NW	6	c	0.05	1
Dover	30.57 r	+.23	40	39	-5	47	38	Z	0	4	NE	5	c	-	1
London ...	30.56 r	+.17	42	40	-3	45	36	SW	2	3	NE	7	o f c	-	*
Oxford... ...	30.53	+.11	38	37	-5	45	37	SW	1	1	NE	10	o	-	*
Cambridge ...	30.54 r	+.14	39	38	-4	45	38	SW	1	2	NNW	10	o	-	*
Yarmouth ...	30.55 r	+.19	39	38	-4	45	34	WSW	1	3	NNW	6	c m	0.01	2
Helder... ...				*		*	*			*	*	*	*	*	
Cape Gris Nez...	30.56 f	+.17	40	38	-7	48	38	S	1	4	NE	8	o	-	1
Brest	30.53 r	+.07	48	46	0	53	48	SSE	3	3	NNE	10	m o	-	2
L'Orient ...	30.48 r	+.07	39	39	+1	51	37	E	4	4	E	2	b	-	1
Rochefort ...	30.50 r	+.08	40	38	+4	40	32	? NE	4	4	? NE	10	f o	-	3
Biarritz ...	30.44 r	+.03	34	32	-11	48	32	? NE	1	4	NE	10	o	-	3
Corunna ...	30.40	.00	45	*	-1	*	*	NE	3	*	*	*	b	*	
Brussels ...	30.58	+.23	34	*	-7	*	*	NW	3	*	*	*	f	*	*
Charleville ...	30.57	+.26	28	*	-6	*	*	NE	3	*	*	*	b	*	*
Paris	30.57 r	+.17	34		+1	43	34	NE	1	?	?	1	- f	-	*
Lyons	?		36	*	-5	*	*	N	1	*	*	*	f	*	*
Toulon... ...	30.19 r	.00	47	45	-1	53	44	NE	4	3	NW	8	c o	-	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.33	35	34	Z	0	*	c	3
Thurso ...	30.31	36	34	SSE	1	4	m	2
Scarborough...	30.46	44	41	N	3	6	c	3
Greencastle ...	30.50	42	41	Z	0	2	b	*
Holyhead ...	30.47	47	44	E	1	4	c	1

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	30.49	53	51	WSW	1	9	o	1
Scilly ...	30.48	52	51	WNW	3	7	c	2
London ...	30.49	45	41	NE	2	10	o g	*
Rochefort ...	30.47	35	35	? NE	4	10	f	3

Pressure has risen slightly at almost all stations, most in the east, where light N. to NE. winds prevail. Variable airs and calms are reported in the W.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

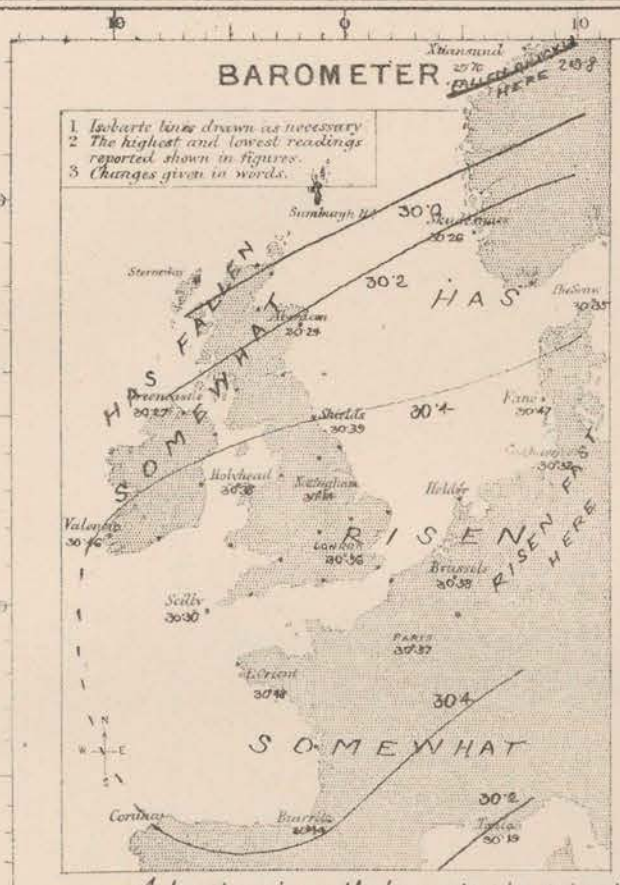
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

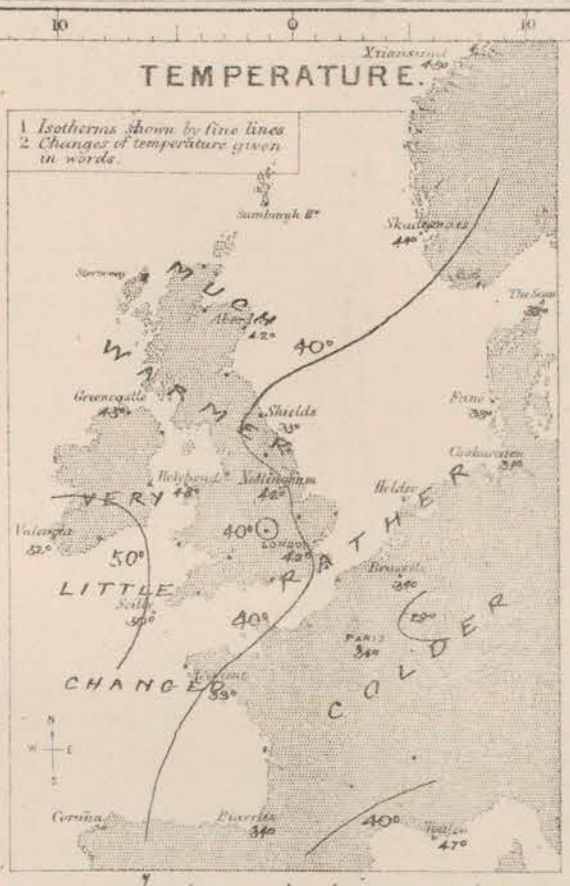
SUNDAY 7TH DECEMBER 1873 AT 8 A.M.

BAROMETER.



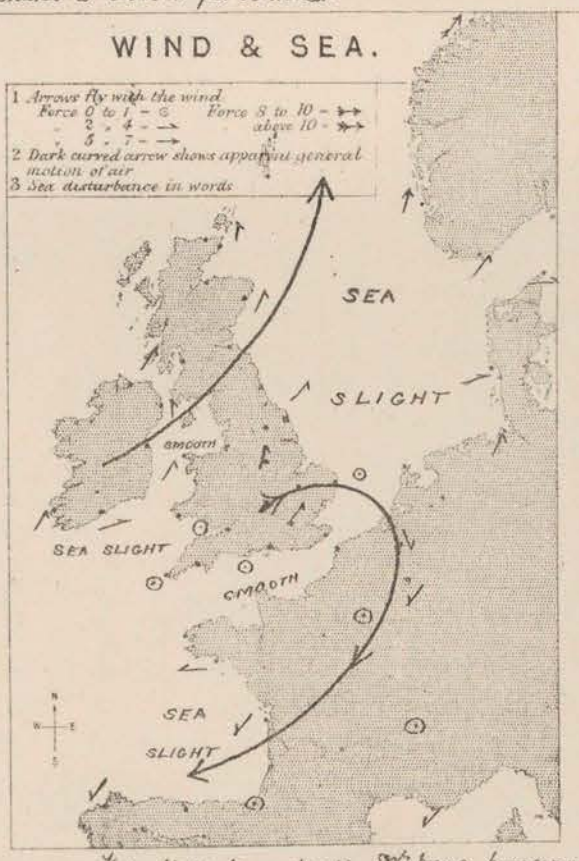
A further rise of the barometer has taken place at all the south-eastern stations especially over the Netherlands and Holstein, accompanied by a rather brisk decrease on our south-east coasts during the night. It appears as though a depression is advancing from the westward towards the most northern of our stations. The gradient from Brussels to Leith is 0·04 in, while that from Aberdeen to Thurso is 0·013 in per 50 miles.

TEMPERATURE.



Temperature has risen several degrees on the northern and western coasts, while it has fallen at many of the eastern and south-eastern stations. The weather is now very cold in the north-east of France.

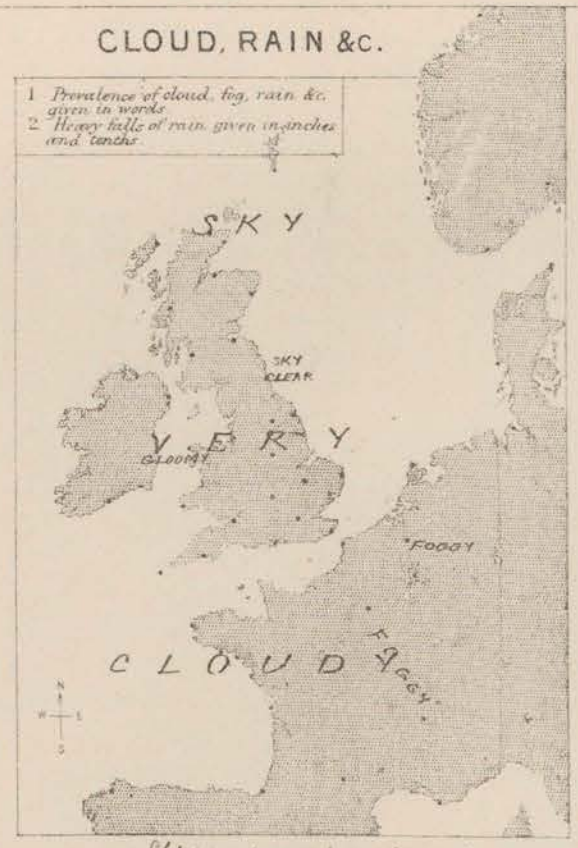
WIND & SEA.



Very light to moderate SW breezes have now set in over our Islands and fresh to strong SSW winds in the southern parts of Norway, while over France light NE winds prevail.

The sea is rough at Christiansund and Stornoway, smooth on our coasts generally.

CLOUD, RAIN &c.



Slight showers have fallen in some places. The sky is very cloudy except over France.

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" " book post 5/ per quarter.

Meteorological Office
116, Victoria Strt. Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Mon-day 8 a.m. **WEATHER REPORT.** Dec 8th 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER Change since yesterday.	THERMOMETERS (In shade). At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday	In past 24 hours. Max.	In past 24 hours. Min.	WIND At 8 A.M. Direc.	At 8 A.M. Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Extreme. Direc.	Amount of Cloud 0 to 10.	Weather By Beaufort Scale	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby						*	*					*		*	*
Christiansund ...	29.68	− ·08	46	43	+1	*	*	WSW	8	10	SSW	*	r o	*	8
Skudesnaes ...	30.07	− ·19	38	?	−6	*	*	?	?	6	SSW	*	?	*	?
Oxö (X'tiansand)	30.10	− ·24	47	46	+10	*	*	WSW	8	8	WSW	*	o r	*	5
Skagen (The Skaw)						*	*		*	*		*		*	*
Fanö	30.39	− ·08	46	45	+8	*	*	WSW	6	*	*	*	o	*	*
Cuxhaven ...	30.54f	+ ·02	38	36	+7	?	29	SW	4	4	SW	5	f c	0.03	?
Sumburgh Head															
Stornoway (Hebrides)	29.90f	− ·06	51	50	+1	52	47	WSW	7	7	WSW	?	r g	0.18	6
Thurso... ...	29.92r	− ·05	53	51	+4	55	48	W	2	5	W	8	o	-	3
Wick	29.99f	− ·09	50	49	+9	54	41	SW	3	4	SW	8	o	-	1
Nairn	30.08r	− ·04	52	49	+4	54	48	W	3	7	WSW	8	c o	-	2
Aberdeen ...	30.12r	− ·12	52	48	+10	54	42	SW	2	3	SSW	4	c	-	1
Leith	30.27r	·00	49	47	+1	53	46	W	3	5	W	8	c o	-	*
Shields... ...	30.38r	− ·01	47	45	+12	47	35	SW	?	6	W	7	b c	0.01	2
York	30.47r	·00	41	40	+2	46	38	SSW	1	1	SW	6	c f	-	*
Scarborough ...	30.43r	− ·02	42	41	+4	44	38	WSW	3	2	WSW	1	g b	-	2
Nottingham ...	30.54r	·00	46	44	+4	46	40	SSW	3	4	S	10	g m	-	*
Ardrossan ...	30.32r	+ ·02	50	47	+1	51	49	SW	3	6	SW	6	c	-	3
Greencastle ...	30.30r	+ ·03	47	46	+2	48	44	SW	4	5	SW	9	c o	-	*
Donaghadee ...	30.36r	− ·02	47	45	+3	50	43	S	4	5	SSW	9	c o	-	2
Kingstown ...	30.46r	+ ·04	50	45	+1	51	47	SW	3	3	SW	9	g o	-	2
Holyhead ...	30.44r	+ ·06	50	47	+2	52	48	SW	3	3	SW	7	g m	-	1
Liverpool (Bidston Obs.)	30.51r	+ ·05	47	44	+6	48	41	SSW	2	3	SW	10	o	-	1
Valencia ...	30.45r	− ·01	51	50	−1	53	47	SW	3	3	W	7	c	-	3
Roche's Point ...	30.47s	·00	50	48	−1	52	39	SW	4	4	SW	9	o	-	3
Pembroke ...	30.54r	+ ·02	49	46	0	52	48	WSW	2	2	SW	10	o	0.03	2
Portishead ...	30.56r	+ ·03	46	44	+4	48	39	SW	1	2	S	10	o	-	1
Scilly	30.55r	+ ·05	49	47	−1	52	48	S	4	4	S	6	o c	-	2
Plymouth ...	30.58r	+ ·07	43	43	−3	50	41	NE	1	2	SE	0	f m	-	*
Portsmouth ...	30.63r	+ ·06	40	38	−5	50	37	SE	1	1	SW	0	c m	-	?
Dover	30.64r	+ ·07	42	39	+2	46	38	SW	3	3	SW	0	b m	-	2
London ...	30.61r	+ ·05	42	40	0	47	42	SSW	1	2	W	10	o	-	*
Oxford... ...	30.58	+ ·05	44	42	+6	46	38	Z	0	1	S	10	o m	-	*
Cambridge ...	30.59r	+ ·05	43	41	+4	45	39	SW	1	1	SSW	10	o g	-	*
Yarmouth ...	30.58r	+ ·03	42	41	+3	44	38	SW	2	3	WSW	9	c m	-	2
Helder... ...	30.55		46	*		*	*	SW	6	*	*	*	*	*	2
Cape Gris Nez...	30.63r	+ ·07	33	28	−7	47	32	SSW	1	1	S	1	b	-	1
Brest	30.59r	+ ·06	39	37	−9	49	34	SE	3	3	SE	0	b	-	2
L'Orient ...	30.54	+ ·06	36	32	−3	47	35	E	4	4	E	1	b	-	2
Rochefort ...	30.51r	+ ·01	32	28	−8	46	28	ENE	5	5	NE	0	b	-	3
Biarritz ...	30.47r	+ ·03	36	34	+2	39	32	SE	4	4	E	0	o f	-	3
Corunna ...	30.40	·00	45	*	0	*	*	NE	3	*	*	*	b	*	2
Brussels ...	30.72	+ ·14	31	*	−3	*	*	NE	3	*	*	*	m	*	*
Charleville ...	30.62	+ ·05	23	*	−5	*	*	ESE	1	*	*	*	b	*	*
Paris	30.64r	+ ·07	29	?	−5	39	29	NE	4	4	NE	0	b	-	*
Lyons	?		41	*	+5	*	*	N	3	*	*	*	m	*	*
Toulon... ...	30.37r	+ ·13	46	?	−1	53	44	E	7	5	NE	8	o	-	5

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry	Wet	Wind		C	Wea	Sea
Skudesnaes ...	30.12	46	44	SSW	6	*	o	6
Thurso ...								
Scarborough...								
Greencastle ...								*
Holyhead ...								
Valencia ...								
Scilly ...								
London ...								
Rochefort ...	30.50	45	41	NE	5	0	b	2

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, &c.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

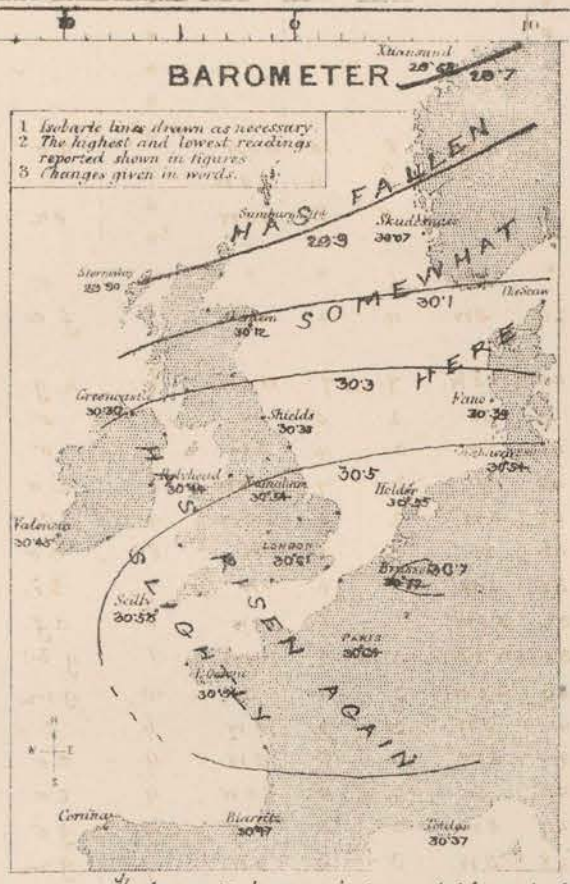
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

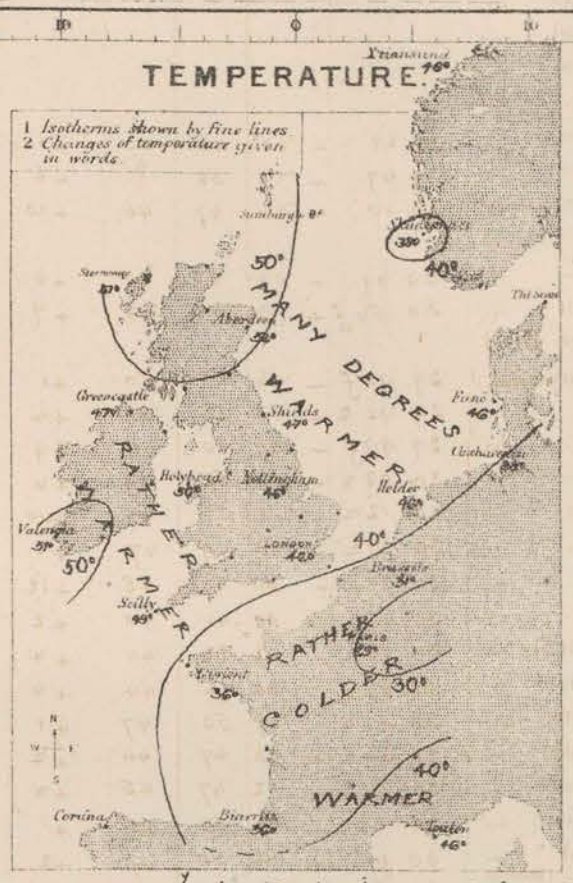
MONDAY 8TH DECEMBER 1873 AT 8 A.M.

BAROMETER



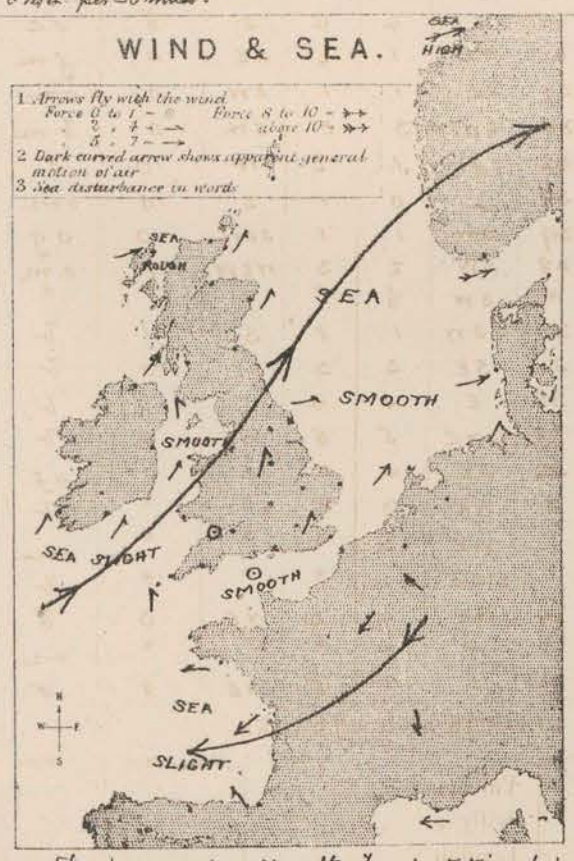
The barometer has remained very high and steady at all the southern stations, while a slight recovery has taken place in the extreme north of our Islands from the fall noticed there yesterday. In Norway, however, a further fall is reported. The highest readings are now found in Belgium and the neighbouring regions. The gradient from Brunen to Andenaes is 0·06 in, while that from Andenaes to Stornoway is 0·14 in per 30 miles.

TEMPERATURE



Temperature has risen at all the western and northern stations, where it is very high for the time of year; but has fallen in the south, and is low over France. Thurso is 24° warmer than Paris.

WIND & SEA.



E^ly winds now prevail at the French stations, being generally moderate in force but strong at Boulogne; while in our Islands S^ly breezes are general, and blow strongly at Stornoway. In Norway a fresh VSTY gale is prevailing. The sea is slight or smooth on our coasts, high off the west coast of Norway.

CLOUD, RAIN &c.

Cloudy weather is general except in France, and a little rain has fallen in the extreme north-west.

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Meteorological Office
116, Victoria Str^t. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Tues-day 8 a.m. WEATHER REPORT. Dec 9th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force (0 to 12.)	WIND. Extreme. Force (0 to 12.)	WIND. Extreme. Direc	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	? 29.08	-?1.03	36	36	0	*	*	SW	8	4	SW	*	o	*	*
Hernösand ...	29.53	- .01	42	40	+1	*	*	W	2	0	Z	*	b	*	*
Stockholm ...	29.77	- .04	47	43	+3	*	*	WNW	6	6	W	*	c	*	*
Wisby	30.09	- .03	45	42	+5	*	*	W	8	6	W	*	oc	*	*
Christiansund ...	29.72	+ .04	41	40	-5	*	*	SW	10	10	SW	*	r	*	8
Skudesnaes ...	30.07	.00	51	46	+13	*	*	WSW	6	6	SW	*	o	*	2
Oxö (X'tiansand)	30.12	+ .02	47	46	0	*	*	WSW	6	8	WSW	*	c	*	4
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö	30.40	+ .01	46	46	0	*	*	WSW	6	*	*	*	o	*	*
Cuxhaven ...	30.56r	+ .02	38	36	0	?	34	SW	3	3	WSW	7	co	-	?
Sumburgh Head															
Stornoway (Hebrides)	30.01r	+ .11	51	50	0	52	49	WSW	6	8	WSW	?	g	0.08	6
Thurso... ...	29.97r	+ .05	51	49	-2	54	50	SW	3	5	SW	7	gpw	0.01	3
Wick	30.04r	+ .05	52	49	+2	53	47	SW	3	4	SW	6	c	-	1
Nairn	30.11r	+ .03	51	48	-1	52	49	SW	3	6	W	2	ob	-	2
Aberdeen ...	30.16r	+ .04	48	46	-4	53	45	SSW	2	3	SW	4	c	-	1
Leith	30.33r	+ .06	49	48	0	53	47	W	4	7	W	6	c	-	*
Shields... ...	30.41r	+ .03	48	45	+1	50	46	SW	2	5	WSW	8	om	-	1
York	30.51r	+ .04	45	43	+4	48	40	S	1	1	S	10	g	0.01	*
Scarborough ...	30.48r	+ .05	44	43	+2	46	42	SW	2	3	WSW	9	o	-	2
Nottingham ...	30.58r	+ .04	43	40	-3	48	43	SSW	3	4	SSW	10	g	-	*
Ardrossan ...	30.36r	+ .04	49	47	-1	50	49	SW	4	6	WSW	6	c	-	4
Greencastle ...	30.36r	+ .06	47	46	0	48	45	WSW	4	6	SW	10	og	-	*
Donaghadee ...	30.41r	+ .05	47	45	0	49	46	S	4	5	S	10	o	-	3
Kingstown ...	30.51r	+ .05	49	45	-1	52	48	SW	2	4	SW	10	g	-	1
Holyhead ...	30.46r	+ .02	49	47	-1	51	48	SW	2	3	SW	7	g	-	1
Liverpool (Bidston Obs.)	30.50f	- .01	45	43	-2	48	44	?SW	2	3	SSW	10	o	0.01	1
Valencia ...	30.47r	+ .02	51	50	0	52	47	SW	3	3	SSW	9	omw	-	3
Roche's Point ...	30.50r	+ .03	49	47	-1	52	47	SW	4	4	SW	7	oc	-	3
Pembroke ...	30.58r	+ .04	46	43	-8	51	45	S	2	3	SW	2	ob	0.01	1
Portishead ...	30.59r	+ .03	30	29	-16	49	28	E	1	2	SW	3	ob	-	1
Scilly	30.53f	- .02	45	42	-4	49	42	ESE	4	4	ESE	1	b	-	2
Plymouth ...	30.57f	- .01	33	33	-10	50	31	Z	0	1	E	0	bf	-	*
Portsmouth ...	30.59f	- .04	38	35	-2	47	33	E	1	1	SE	0	mb	-	1
Dover	30.62f	- .02	33	31	-9	44	30	NNW	2	3	SW	4	bm	-	2
London ...	30.62r	+ .01	24	24	-18	52	24	Z	0	2	SW	4	obf	-	*
Oxford... ...	30.62	+ .04	25	25	-19	47	25	Z	0	1	SSW	3	cb	-	*
Cambridge ...	30.61s	+ .02	29	29	-14	45	28	SW	1	1	SW	0	ob	-	*
Yarmouth ...	30.60f	+ .02	35	35	-7	45	34	WSW	2	3	SW	5	of	-	2
Helder	30.60	+ .05	45	*	-1	*	*	WSW	4	*	*	*	*	*	2
Cape Gris Nez...	30.61f	- .02	35	30	+2	43	32	Z	0	1	SSW	0	b	-	1
Brest	30.56f	- .03	37	35	-2	49	33	SE	3	4	E	0	b	-	2
L'Orient ...	30.48f	- .06	31	29	-5	48	30	E	4	5	ESE	1	b	-	2
Rochefort ...	30.51r	.00	34	32	+2	40	28	E	5	5	ENE	0	b	-	3
Biarritz ...	30.41s	- .06	37	35	+1	41	32	E	4	4	SE	0	b	-	3
Corunna ...	30.40	.00	43	*	-2	*	*	NE	3	*	*	*	b	*	2
Brussels ...	30.65	- .07	30	*	-1	*	*	S	3	*	*	*	f	*	*
Charleville ...	30.70	+ .08	21	*	-2	*	*	E	3	*	*	*	b	*	*
Paris	30.62r	- .02	26	?	-3	35	25	E	1	4	NE	0	bm	-	*
Lyons	?		34	*	-7	*	*	NW	3	*	*	*	f	*	*
Toulon... ...	30.40f	+ .03	45	38	-1	49	41	NE	4	7	E	2	oc	-	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.08	49	48	SW	6	*	r	7
Thurso ...	29.92	52	48	SW	4	7	c	3
Scarborough...	30.45	46	45	WSW	2	8	o	2
Greencastle ...	30.30	48	47	SW	6	8	o	*
Holyhead ...	30.47	49	47	SW	3	6	c	2

	Bar	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	30.45	51	49	SSW	3	8	g	3
Scilly ...	30.56	49	46	SSE	4	3	b	2
London ...	30.61	49	44	SW	2	5	oc	*
Rochefort ...	30.49	39	35	ENE	5	0	b	3

Scarcely any change is reported beyond the freshening of the wind from SW. at Greencastle and Thurso.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

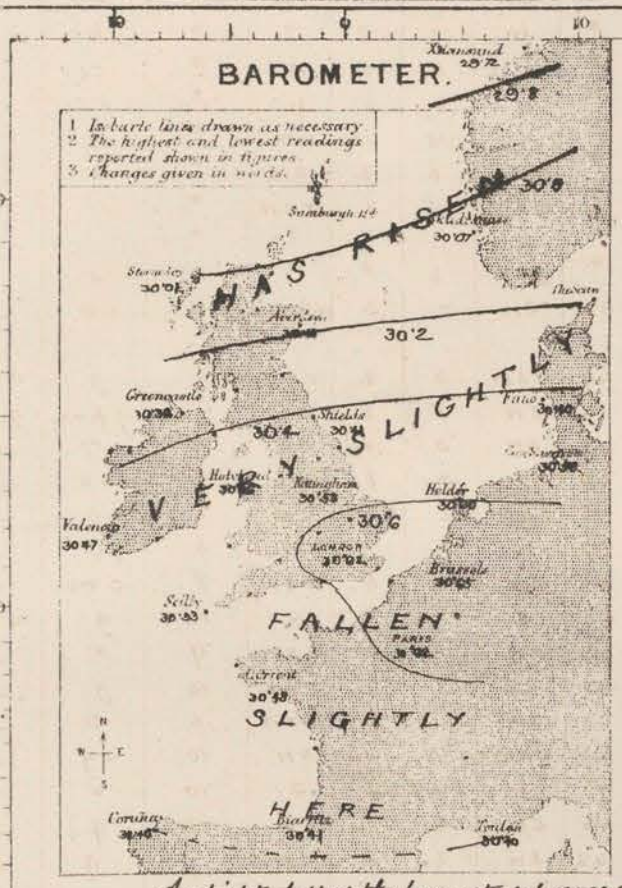
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

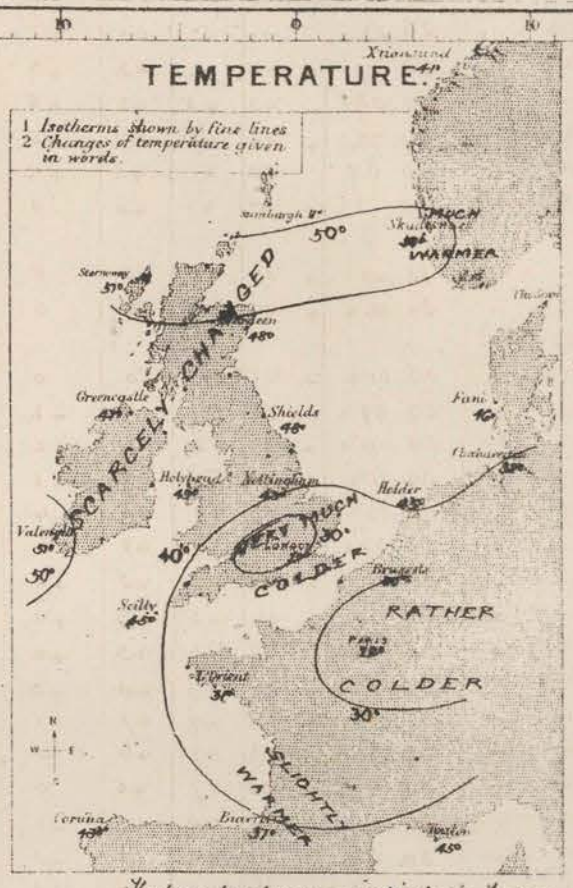
TUESDAY 9TH DECEMBER 1873 AT 8 A.M.

BAROMETER.



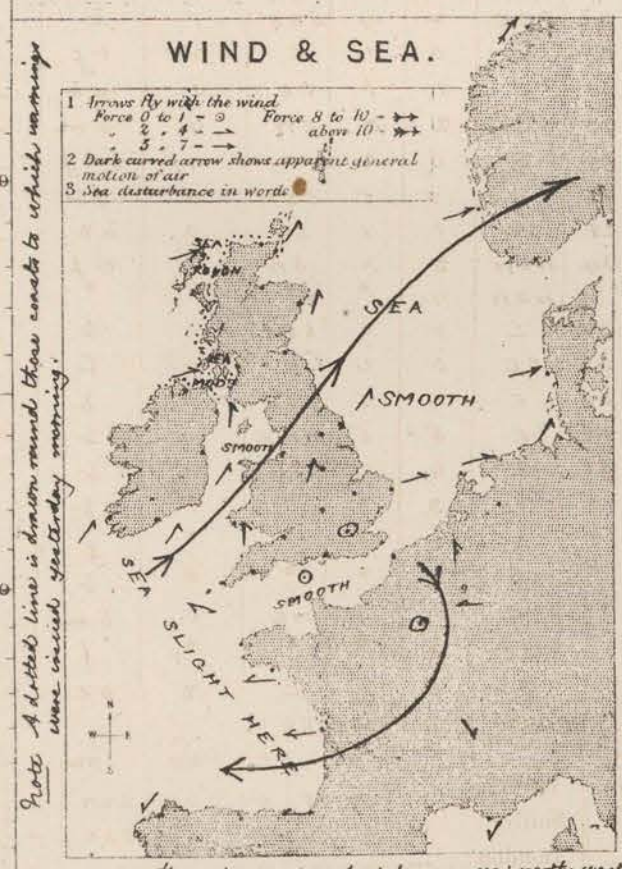
A slight fall of the barometer at some of the southern stations has been accompanied by a slight rise elsewhere, so that readings have become rather more uniform than they were yesterday in the south east. The gradient from Cuxford to Leith is 0·05 in, while that from Leith to Thurso is 0·12 in per 50 miles.

TEMPERATURE.



The low temperature noticed in France yesterday has extended northwards over the south of England, where the thermometer has fallen rapidly – In London it had fallen to 21° in the shade and 19° on the grass by 8 am. Thurso and Valencia are both 27° warmer than London.

WIND & SEA.



Note A dotted line is drawn round those coasts to which warnings were issued yesterday morning.

Drums lowered this morning.

The wind rose to a fresh breeze on our north west coasts, and to a gale at Stornoway yesterday afternoon. The gale has now subsided, and moderate W^ly breezes prevail on our western and northern coasts, moderate E^ly winds in the west of France, and calms or variable airs at the south eastern stations.

The sea is rough at Stornoway, moderate at Aberdeen, smooth or slight on our other coasts.

CLOUD, RAIN &c.

A little rain has fallen on some parts of our northern and north western coasts. The sky is still very cloudy in the west and north, clear in the south, with thick local fog in the south east.

Warnings were issued to the most north western stations yesterday. Drums lowered this morning.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/ per quarter
" " " post 5/ per quarter

Meteorological Office
116, Victoria Str^t, Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Wednesday 8 a.m. **WEATHER REPORT.** Dec 10th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.34	+ .26	26	26	-10	*	*	N	2	6	SN	*	?	*	*
Hernösand ...	29.65	+ .12	?	?		*	*	N	4	2	N	*	c	*	*
Stockholm ...	29.58	- .19	42	41	-5	*	*	N	2	4	NN	*	f	*	*
Wisby	29.97	- .12	44	42	-1	*	*	NNN	2	4	N	*	σ	*	*
Christiansund ...	29.99	+ .27	37	32	-4	*	*	N	8	9	NSN	*	rs	*	8
Skudesnaes ...	30.25	+ .18	44	41	-7	*	*	N	6	6	NSN	*	-c	*	3
Oxö (X'tiansand)	30.17	+ .05	45	41	-2	*	*	SN	4	8	NSN	*	cb	*	4
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö	30.30	- .10	45	45	-1	*	*	NSN	6	*	*	*	σ	*	*
Cuxhaven ...	30.43f	- .13	41	41	+3	?	36	N	3	3	SN	7	c	-	?
Sumburgh Head															
Stornoway (Hebrides.)	30.23r	+ .22	45	45	-6	52	41	S	1	6	NSN	10	r	0.36	3
Thurso... ...	30.26r	+ .29	43	42	-8	53	42	SSN	1	6	N	10	rσ	0.42	2
Wick	30.31r	+ .27	42	42	-10	52	41	Z	0	5	N	10	r	0.14	0
Nairn	30.31r	+ .20	45	45	-6	51	45	Z	0	5	SN	10	cσr	0.30	1
Aberdeen ...	30.33r	+ .17	45	45	-3	53	45	Z	0	3	SN	10	bm	-	1
Leith	30.42r	+ .09	46	45	-3	53	45	N	3	4	N	2	cb	-	*
Shields... ...	30.44r	+ .03	44	43	-4	50	43	N	4	4	N	2	b	-	1
York	30.51r	.00	40	39	-5	47	40	S	1	2	S	4	oc	-	*
Scarborough ...	30.50s	+ .02	41	40	-3	46	41	NSN	2	2	SN	4	gc	-	2
Nottingham ...	30.57r	- .01	27	27	-16	46	25	N	1	3	SSN	9	mf	-	*
Ardrossan ...	30.45r	+ .09	50	48	+1	51	49	SN	3	4	SN	7	c	-	2
Greencastle ...	30.47r	+ .11	46	45	-1	48	45	NSN	1	5	SN	10	g	0.01	*
Donaghadee ...	30.49r	+ .08	45	43	-2	49	45	N	3	4	S	10	oσ	-	3
Kingstown ...	30.54r	+ .03	40	38	-9	52	39	Z	0	2	S	6	mf	-	1
Holyhead ...	30.50r	+ .04	46	45	-3	51	45	SN	1	2	SN	6	gm	-	0
Liverpool (Bidston Obs.)	30.54r	+ .04	41	39	-4	46	40	SSN	1	3	NSN	10	o	-	1
Valencia ...	30.48f	+ .01	45	43	-6	52	39	SSE	3	3	SSE	5	c	-	3
Roche's Point ...	30.49f	- .01	39	38	-10	51	36	NNN	2	4	SN	9	bf	-	3
Pembroke ...	30.55f	- .03	35	34	-11	48	35	ENE	2	2	SE	3	bm	-	1
Portishead ...	30.56f	- .03	23	23	-7	45	21	Z	0	1	E	10	mf	-	0
Scilly	30.49f	- .04	45	43	0	48	42	ESE	2	4	ESE	3	b	-	4
Plymouth ...	30.51f	- .06	30	30	-3	47	28	Z	0	1	E	0	bf	-	*
Portsmouth ...	30.55f	- .04	35	32	-3	44	31	ENE	1	1	E	0	b	-	1
Dover	30.54f	- .08	36	34	+3	42	31	NNE	2	1	E	6	bfg	-	2
London ...	30.57f	- .05	20	20	-4	39	19	Z	0	1	NNN	10	f	-	*
Oxford... ...	30.59	- .03	20	20	-5	38	20	Z	0	1	S	10	of	-	*
Cambridge ...	30.55f	- .06	25	25	-4	41	25	SN	1	1	SN	0	b	-	*
Yarmouth ...	30.53f	- .07	39	38	+4	43	32	N	2	2	NSN	5	fm	-	2
Helder... ...	30.47	- .13	46	*	+1	*	*	N	3	*	*	*	*	*	2
Cape Gris Nez...	30.54f	- .07	37	33	+2	47	33	E	1	1	SE	1	b	-	1
Brest	30.47f	- .09	37	37	0	45	33	NE	3	3	SE	0	b	-	2
L'Orient ...	30.42f	- .06	33	31	+2	46	30	E	4	4	E	0	b	-	2
Rochefort ...	30.47f	- .04	32	30	-2	46	29	E	5	5	E	0	b	-	3
Biarritz ...	30.41	.00	45	41	+8	50	37	S	3	3	E	0	fb	-	4
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.54	- .11	28	*	-2	*	*	NE	3	*	*	*	f	*	*
Charleville ...	30.45	- .25	22	*	+1	*	*	SE	1	*	*	*	b	*	*
Paris	30.50r	- .12	26	?	0	35	26	NN	3	1	E	0	bm	-	*
Lyons	?		34	*	0	*	*	NE	3	*	*	*	m	*	
Toulon... ...															

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.06	49	48	NSN	6	*	σ	6
Thurso ...	29.96	52	49	SN	5	6	c	4
Scarborough...	30.47	45	44	SSN	1	10	g	2
Greencastle ...	30.39	48	47	SN	6	9	g	*
Holyhead ...	30.48	49	47	SN	2	6	c	1
Valencia ...	30.49	51	49	SN	3	6	c	3
Scilly ...	30.45	48	45	ESE	4	0	b	*
London ...	30.57	39	36	Z	0	7	f	3
Rochefort ...	30.51	46	44	E	5	0	b	

Pressure is decreasing over the S. of England but has changed very little elsewhere. A dense fog prevails in London. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strong wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds, d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. with dew.

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N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction

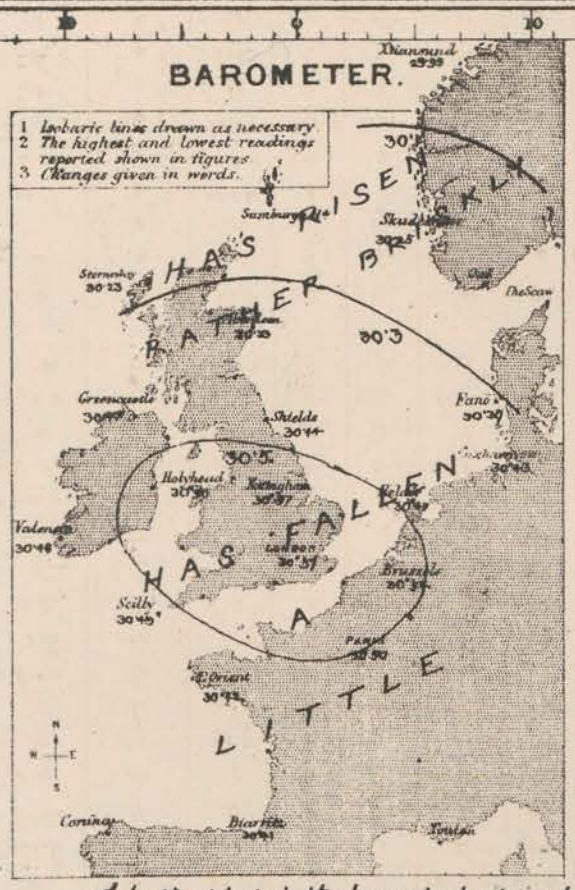
WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 10TH DECEMBER 1873 AT 8 A.M.

BAROMETER.

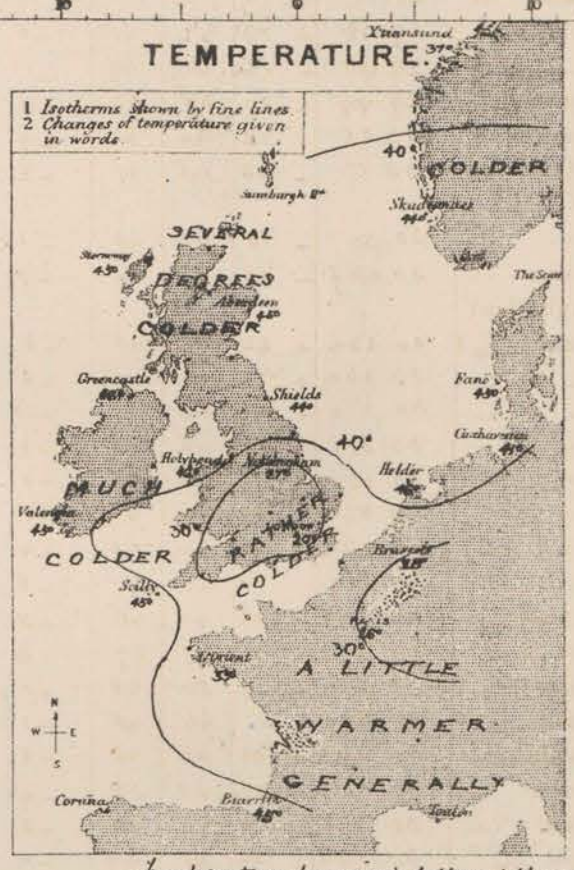
1 Isobaric lines drawn as necessary
2 The highest and lowest readings reported shown in figures
3 Changes given in words.



A further fall in the barometer has taken place in the north-east of France, the Netherlands, and north of Germany, as well as (in a less degree) over the south of England; while on our northern coasts a decided rise has occurred. The centre of a well-defined anti-cyclone now lies over England, and readings are very uniform generally.

TEMPERATURE.

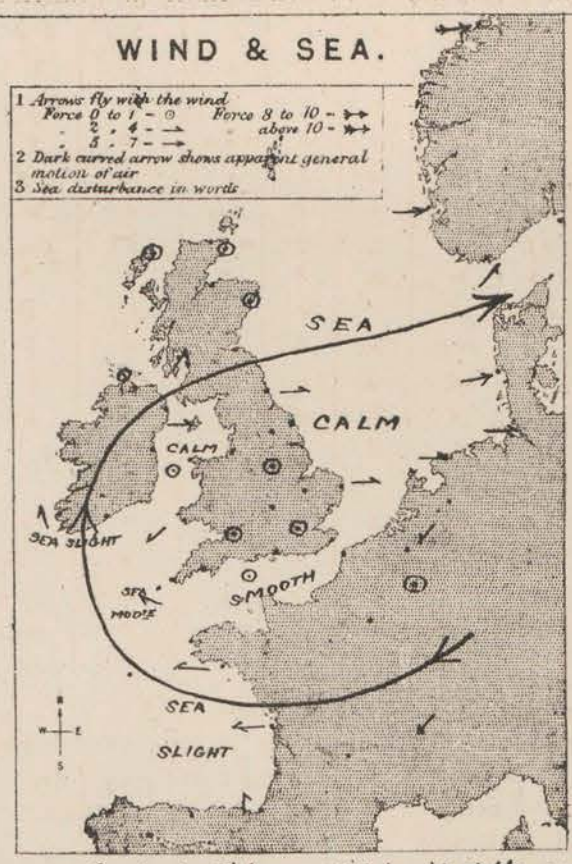
1 Isotherms shown by fine lines.
2 Changes of temperature given in words.



Temperature has again fallen in the south, and is lowest at the more inland stations. In London and at Oxford it is as low as 20°, and it is 30° warmer than this at Aldernay, and 22° warmer even at Stockholm.

WIND & SEA.

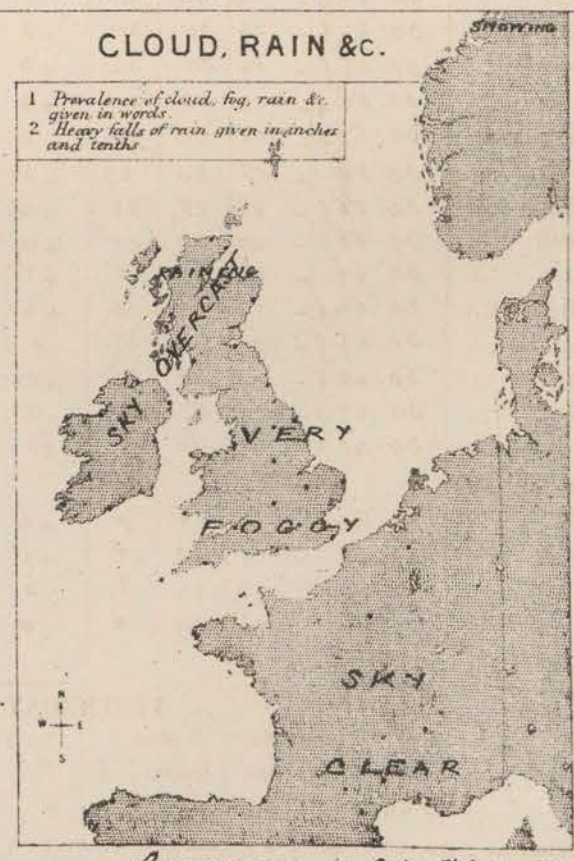
1 Arrows fly with the wind
Force 0 to 1 – ⊙ Force 8 to 10 – ⟶⟶
" 2 , 4 – ⟶ above 10 – ⟶⟶
" 5 , 7 – ⟶
2 Dark curved arrow shows apparent general motion of air
3 Sea disturbance in words



Moderate E^ly breezes still prevail in the west of France. The wind draws into SE at our south-western stations, and to W in the northern part of Ireland and England, as well as in Holland. Elsewhere calms are reported.
The sea is smooth generally.

CLOUD, RAIN &c.

1 Prevalence of cloud, fog, rain &c. given in words.
2 Heavy falls of rain given in inches and tenths



Aurora was seen at Cuxhaven last night. The sky is overcast in the north and north-west, and rainy weather prevails in Scotland. Thick fogs are reported over England, and fine clear weather in France.

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Meteorological Office
116, Victoria Str^t. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Thurs-day 8 a.m. WEATHER REPORT. Dec. 11th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.55	+ .21	21	20	−5	*	*	SW	4	4	SW	*	o	*	*
Hernösand ...	29.82	+ .17	28	?	?	*	*	SW	4	6	W	*	b	*	*
Stockholm ...	30.12	+ .54	32	27	−10	*	*	WNW	2	6	W	*	o	*	*
Wisby	30.29	+ .32	37	33	−7	*	*	W	6	4	NW	*	be	*	*
Christiansund ...	30.01	+ .02	40	38	+3	*	*	SW	6	6	SW	*	or	*	7
Skudesnaes ...	30.26	+ .01	48	46	+4	*	*	W	6	0	Z	*	bo	*	6
Oxö (Christiansand)	30.25	+ .08	47	46	+2	*	*	WSW	6	4	SW	*	b	*	4
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö	30.43	+ .13	45	45	0	*	*	W	4	*	*	*	o	*	*
Cuxhaven ...	30.53r	+ .10	44	42	+3	?	40	WSW	2	3	WNW	9	cf	—	?
Sumburgh Head															
Stornoway (Hebrides)	30.41r	+ .18	45	44	0	49	43	SSW	1	1	SW	8	?	?0.10	3
Thurso... ...	30.38r	+ .12	45	44	+2	49	41	SW	1	2	WSW	8	go	0.09	2
Wick	30.43r	+ .12	45	44	+3	48	41	SW	2	4	W	8	o	0.10	0
Nairn	30.48r	+ .17	44	41	−1	51	44	SW	1	2	SW	6	c	—	1
Aberdeen ...	30.47r	+ .14	39	36	−6	51	37	WSW	1	1	SW	2	mb	—	0
Leith	30.55r	+ .13	39	38	−7	52	35	W	3	3	W	8	co	—	*
Shields... ...	30.56r	+ .12	38	37	−6	47	37	W	1	4	W	9	wf	—	1
York	30.61r	+ .10	38	38	−2	49	26	Z	0	2	W	10	bf	—	*
Scarborough ...	30.59r	+ .09	35	35	−6	47	34	SSW	2	2	WSW	0	cb	—	2
Nottingham ...	30.65r	+ .08	24	24	−3	38	23	W	1	2	W	10	f	—	*
Ardrossan ...	30.55r	+ .10	45	43	−5	51	43	WSW	2	3	SW	5	c	—	2
Greencastle ...	30.54r	+ .07	41	40	−5	46	38	NW	1	3	WSW	10	g	0.01	*
Donaghadee ...	30.54s	+ .05	34	34	−11	50	32	SW	2	3	W	2	b	—	1
Kingstown ...	30.59r	+ .05	39	37	−1	45	36	S	1	1	S	5	f	—	0
Holyhead ...	30.54r	+ .04	37	36	−9	49	37	SW	1	2	SW	2	bm	—	0
Liverpool (Bidston Obs.)	30.62r	+ .08	31	30	−10	47	30	SE	2	3	SE	2	cf	—	1
Valencia ...	30.53r	+ .05	44	41	−1	50	41	ESE	3	3	SSE	6	c	—	3
Roche's Point ...	30.53r	+ .04	46	44	+7	48	39	SSE	3	3	SSE	7	c	—	3
Pembroke ...	30.60r	+ .05	36	34	+1	43	34	NNE	2	2	ENE	3	bm	—	1
Portishead ...	30.62r	+ .06	22	22	−1	35	20	E	1	1	E	7	f	—	1
Scilly	30.52r	+ .03	48	45	+3	49	42	SE	5	5	SE	3	b	—	4
Plymouth ...	30.58r	+ .07	33	33	+3	45	30	E	1	1	E	6	f	—	*
Portsmouth ...	30.62r	+ .07	36	35	+1	43	31	NE	2	2	NE	0	b	—	1
Dover	30.62r	+ .08	41	38	+5	44	35	NNE	3	2	NNE	10	cf	—	2
London ...	30.64r	+ .07	25	24	+6	30	19	Z	0	1	W	9	f	—	*
Oxford... ...	30.65	+ .06	20	20	0	28	20	Z	0	0	Z	10	f	—	*
Cambridge ...	30.63r	+ .08	33	32	+8	38	25	SW	1	1	SW	10	bo	—	*
Yarmouth ...	30.60r	+ .07	39	35	0	43	33	W	1	2	WNW	8	cf	—	2
Helder... ...	30.56	+ .09	46	*	0	*	*	WNW	2	*	*	*	*	*	2
Cape Gris Nez...	30.59r	+ .05	43	38	+6	45	37	E	3	3	E	9	o	—	2
Brest	30.56r	+ .09	37	33	0	47	34	E	3	3	NE	0	b	—	2
L'Orient ...	30.51r	+ .09	35	33	+2	42	32	E	3	4	E	1	b	—	2
Rochefort ...	30.48r	+ .01	30	28	−2	45	28	ENE	5	5	E	10	bo	—	3
Biarritz ...	30.40f	− .01	46	42	+1	49	41	NW	4	3	S	8	bo	—	3
Corunna ...				*		*	*			*	*	*		*	*
Brussels ...	30.60	+ .06	39	*	+11	*	*	S	3	*	*	*	f	*	*
Charleville ...	30.61	+ .16	25	*	+3	*	*	NE	3	*	*	*	b	*	*
Paris	30.55r	+ .05	32	?	+6	37	26	NNE	4	4	NNE	0	b	—	*
Lyons	?		34	*	0	*	*	N	1	*	*	*	o	*	*
Toulon... ...	30.23r	− .07	45	41	+1	49	44	W	1	1	W	1	b	—	2

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.37	38	38	Z	0	*	b	2
Thurso ...	30.27	46	46	SSW	1	8	pg	2
Scarborough...	30.49	47	45	WSW	2	7	c	2
Greencastle ...	30.50	46	43	WSW	3	0	b	*
Holyhead ...	30.50	48	46	SW	2	1	b	1
Valencia ...	30.48	48	45	SSE	3	7	c	3
Scilly ...	30.50	49	47	ESE	4	3	b	4
London ...	30.58	30	29	Z	0	10	f	*
Rochefort ...	30.47	43	39	E	4	0	b	3

No important change is reported.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet; dew.

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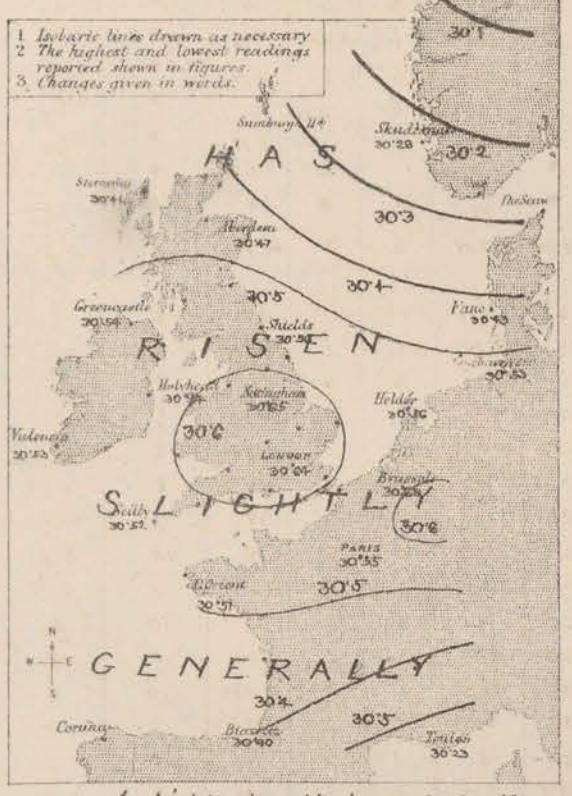
WEATHER CHARTS

AND REMARKS FOR

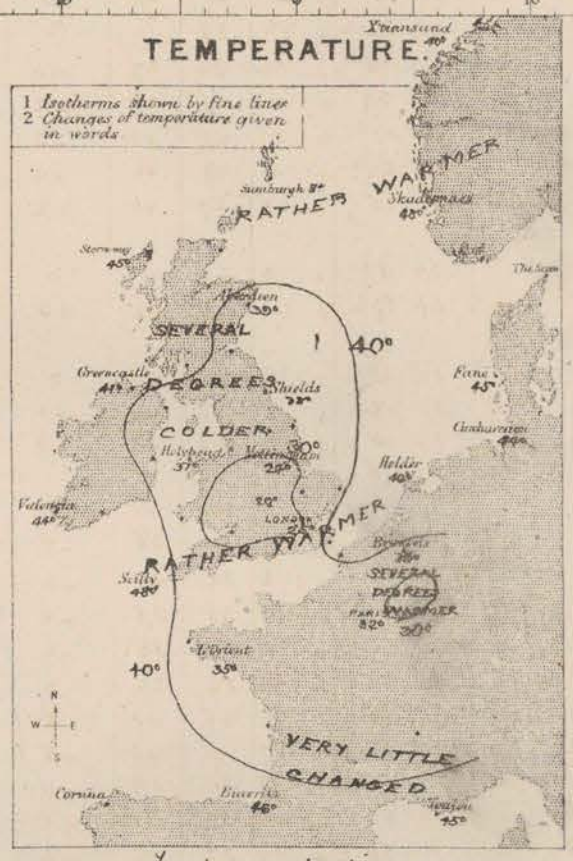
THURSDAY 11TH DECEMBER 1873 AT 8 A.M.

BAROMETER.



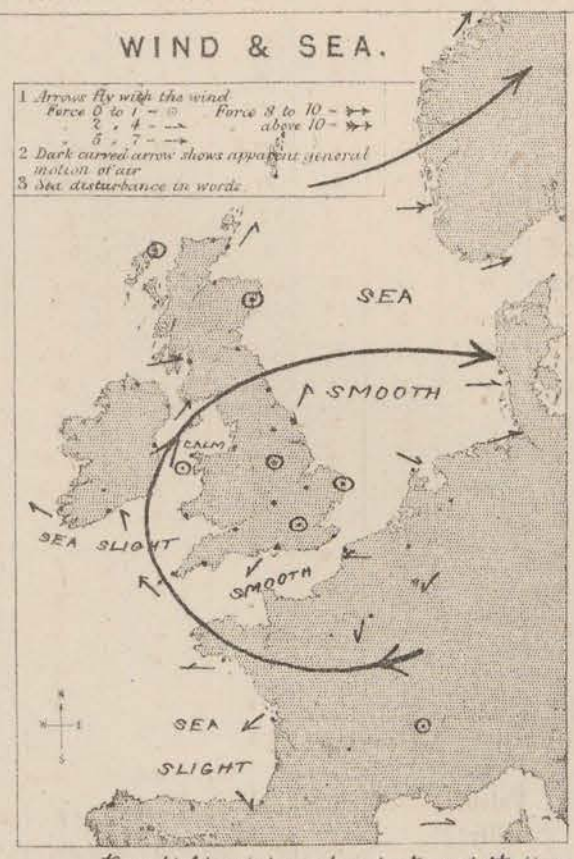
A slight rise of the barometer has taken place during the past 24 hours in all parts of western Europe. The centre of an anti-cyclone still lies over England, the gradient from Scarboro' to Orkney being 0·03 in., while that from Portsmouth to Brest is 0·035 in. per 30 miles.

TEMPERATURE.



Temperature has risen a few degrees over France and the south of England, but fallen in the north of England. The region of greatest cold appears to be travelling slowly to the N^w. Skudesnes is still 2·8° warmer than Oxford.

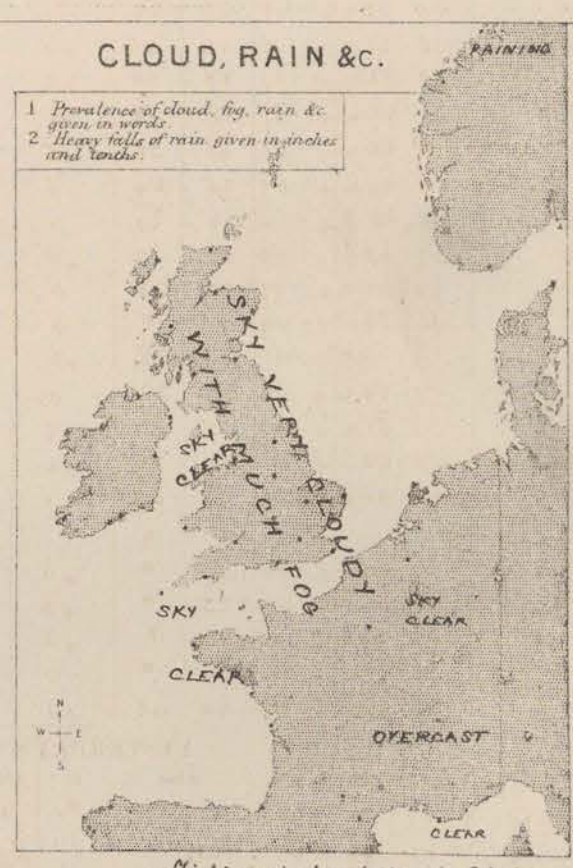
WIND & SEA.



Very light winds are prevalent, and their general direction is, on the whole, almost identical with that reported yesterday. At Christiansund, however, the 17th gale has subsided and the wind backed to SW.

The sea remains high off the west coast of Norway, but is generally smooth on our own and the French coasts.

CLOUD, RAIN &c.



Slight rain has fallen in Caithness and the north of Ireland. The sky is almost clear on the north-west coast of England and the west of France, cloudy or foggy elsewhere.

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Meteorological Office
116, Victoria Str^t. Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Fri-day 8 a.m. **WEATHER REPORT.** Dec. 12th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9
Haparanda ...	30.12	+.57	10	10	-11	*	*	SW	2	8	N	*	o	*	*
Hernösand ...	30.41	+.59	20	19	-8	*	*	NNW	2	8	SW	*	b	*	*
Stockholm ...	30.36	+.24	29	25	-3	*	*	NNW	4	8	NNW	*	b	*	*
Wisby	30.49	+.20	36	31	-1	*	*	NNE	8	8	N	*	bc	*	*
Christiansund ...	30.40	+.39	35	32	-5	*	*	S	2	4	NNW	*	co	*	b
Skudesnaes ...	30.52	+.26	38	37	-10	*	*	NNE	2	2	NNW	*	br	*	2
Oxö (X'Hansand)	30.55	+.30	41	36	-6	*	*	SSE	4	6	WSW	*	bc	*	3
Skagen (The Skaw)	30.54	+.28	36	?	-9	*	*	ENE	2	*	*	*	b	*	*
Fanö	30.50	+.07	37	37	-8	*	*	N	2	*	*	*	b	*	*
Cuxhaven ...	30.53r	.00	45	45	+1	?	41	NW	2	3	NNW	7	mo	0.02	?
Sumburgh Head															
Stornoway (Hebrides.)	30.39f	-.02	44	42	-1	46	40	N	1	2	SW	9	co	0.03	3
Thurso... ...	30.41f	+.03	40	39	-5	47	40	SSW	1	2	W	0	ow	0.02	2
Wick	30.45f	+.02	43	41	-2	48	41	SW	2	2	SW	5	c	—	0
Nairn	30.50f	+.02	37	35	-7	44	?37	Z	0	1	SW	0	ob	—	1
Aberdeen ...	30.50f	+.03	33	33	-6	42	33	SW	1	1	WSW	0	cm	—	0
Leith	30.57f	+.02	31	31	-8	44	29	S	1	2	W	8	co	—	*
Shields... ...	30.60s	+.04	35	34	-3	42	35	W	2	3	WNW	5	m	—	1
York	30.63s	+.02	22	21	-18	38	21	N	1	1	N	10	f	—	*
Scarborough ...	30.61r	+.02	33	32	-2	39	32	WSW	1	2	SSW	0	b	—	1
Nottingham ...	30.64r	-.01	24	24	0	31	20	S	1	1	SW	10	f	—	*
Ardrossan ...	30.57f	+.02	46	42	+1	48	37	WSW	2	2	SW	8	co	—	2
Greencastle ...	30.54f	.00	42	41	+1	43	38	WSW	1	1	WSW	10	bg	—	*
Donaghadee ...	30.56f	+.02	41	41	+7	45	32	S	3	3	S	10	bo	—	2
Kingstown ...	30.61s	+.02	40	39	+1	43	36	S	1	1	SSE	8	bg	—	0
Holyhead ...	30.58s	+.04	34	33	-3	42	34	SW	1	1	SW	1	bf	—	0
Liverpool (Bidston Obs.)	30.64r	+.02	26	25	-5	39	26	SE	2	3	SE	2	bf	—	1
Valencia ...	30.54r	+.01	48	45	+4	50	42	SSW	3	3	SE	8	cg	—	0
Roche's Point ...	30.55r	+.02	48	46	+2	50	45	SSW	4	4	SSE	9	co	—	3
Pembroke ...	30.64r	+.04	37	36	+1	42	35	ESE	2	2	E	8	m	—	2
Portishead ...	30.65r	+.03	27	27	+5	32	21	Z	0	1	E	10	f	—	0
Scilly	30.57r	+.05	45	43	-3	49	43	E	3	5	ESE	8	c	—	2
Plymouth ...	30.60s	+.02	35	35	+2	44	31	Z	0	1	E	10	f	—	*
Portsmouth ...	30.64r	+.02	41	39	+5	42	38	ENE	1	2	NE	9	bm	—	1
Dover	30.61r	-.01	43	40	+2	44	39	N	3	3	NW	6	fc	—	2
London ...	30.63r	-.01	33	32	+8	34	25	Z	0	0	Z	10	of	—	*
Oxford	30.66	+.01	20	20	0	27	20	Z	0	1	SW	10	f	—	*
Cambridge ...	30.67s	+.04	22	22	-11	38	22	SW	1	1	SW	0	b	—	*
Yarmouth ...	30.64r	+.04	31	31	-8	42	30	NW	1	2	NW	4	f	0.01	2
Helder	30.58	+.02	44	*	-2	*	*	NNW	2	*	*	*	*	*	2
Cape Gris Nez...	30.60r	+.01	41	37	-2	46	40	E	3	3	E	9	o	—	2
Brest	30.56f	.00	37	37	0	47	34	E	4	4	E	1	b	—	2
L'Orient ...	30.49f	-.02	35	35	0	46	32	E	4	4	E	1	b	—	2
Rochefort ...	30.48f	.00	28	26	-2	41	27	ENE	5	5	ENE	0	b	—	3
Biarritz ...	30.41r	+.01	36	35	-10	46	29	E	4	4	E	10	om	—	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.61	+.01	32	*	+7	*	*	ENE	3	*	*	*	f	*	*
Charleville ...	30.61	.00	38	*	+13	*	*	ENE	2	*	*	*	o	*	*
Paris	30.56r	+.01	30	?	-2	39	29	?NE	4	4	E	10	bo	—	*
Lyons			35	*	+1	*	*	N	3	*	*	*	m	*	*
Toulon... ...	30.26f	+.03	53	40	+3	56	42	N	1	4	N	1	b	—	2

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.32	44	41	NW	6	*	c	4
Thurso ...	30.43	46	44	W	2	7	c	2
Scarborough...	30.58	38	37	SW	1	0	b	1
Greencastle ...	30.55	43	42	Z	0	0	b	*
Holyhead ...	30.59	42	41	SW	1	1	b	0
Valencia ...	30.51	48	43	SE	3	7	c	3
Scilly ...	30.56	40	38	ESE	5	4	o	*
London ...	30.63	34	32	Z	0	10	f	3
Rochefort ...	30.47	41	36	ENE	5	0	b	

Pressure has changed little and irregularly. A dense fog still continues in London.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

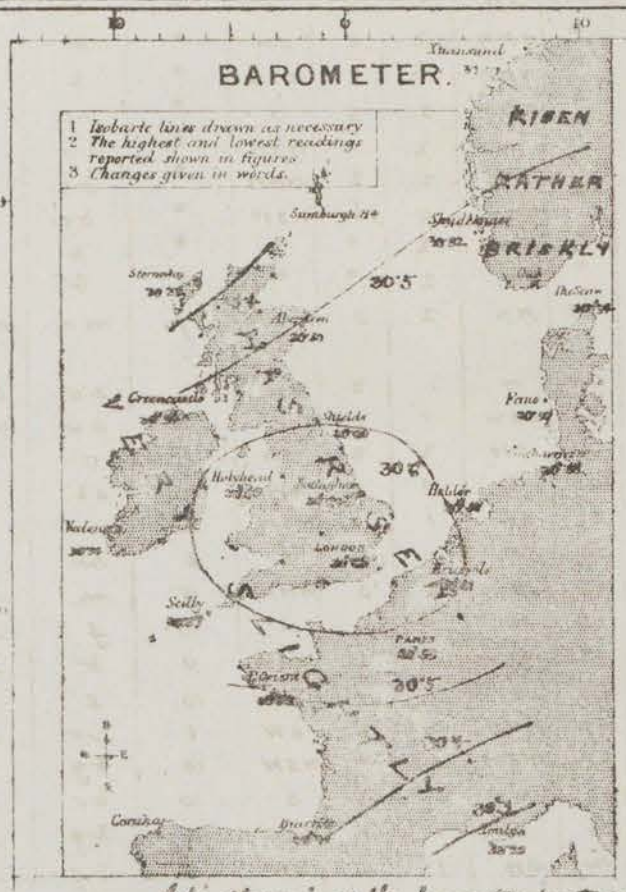
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

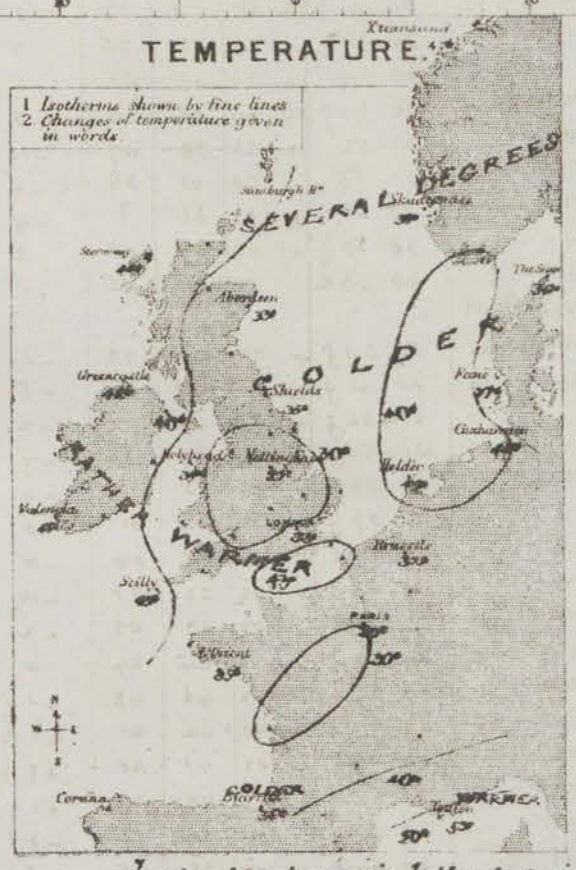
FRIDAY 12th DECEMBER 1873 AT 8 A.M.

BAROMETER.



A further rise of the barometer has taken place at nearly all stations during the past 24 hours, especially in Norway. The highest readings are still found over England, and readings are becoming more uniform over Western Europe.

TEMPERATURE.



Temperature has again fallen fast in the north of England but has risen in the south. A hard frost prevails over the central part of this Country. In London temperature has increased to 33°

WIND & SEA.

Calms still prevail over England, moderate E. winds in the west of France, light S. in Ireland, and light SW. in Scotland; while light N. breezes have set in on the Danish and Dutch coasts.

The sea remains smooth on our coasts, but is rough at Christiansund.

CLOUD, RAIN &c.

The Sky has become generally clear in Scotland, Scandinavia, and the west of France, but thick fog prevails in England and gloomy weather in Ireland.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.

Satur - day 8 a.m. **WEATHER REPORT.** Dec: 13th 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER Change since yesterday.	THERMOMETERS (in shade) At 8 A.M. Dry bulb.	THERMOMETERS At 8 A.M. Wet bulb.	THERMOMETERS Change in the dry bulb since yesterday	THERMOMETERS In past 24 hours. Max.	THERMOMETERS In past 24 hours. Min.	WIND At 8 A.M. Direc.	WIND At 8 A.M. Force (0 to 12.)	WIND Extreme. Force (0 to 12.)	WIND Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale	Rainfall In past 24 Hours	Sea Disturbance 0 to 6.
Haparanda ...	29.80	-.32	14	14	+4	*	*	SW	2	2	SW	*	σ	*	*
Hernösand ...	29.91	-.51	39	35	+19	*	*	SW	2	0	Z	*	c	*	*
Stockholm ...	30.10	-.26	35	32	+6	*	*	W	4	2	WSW	*	σ	*	*
Wisby	30.28	-.21	37	36	+1	*	*	WSW	6	2	W	*	σc	*	*
Christiansund ...	30.12	-.28	47	45	+12	*	*	SSW	8	8	SSW	*	σ	*	7
Skudesnaes ...	30.36	-.16	42	42	+4	*	*	Z	0	4	S	*	rσ	*	2
Oxö (X'tiansand)	30.33	-.22	41	39	0	*	*	SW	4	2	WNE	*	cb	*	3
Skagen (The Skaw)	30.28	-.26	43	41	+7	*	*	W	6	*	*	*	b	*	*
Fanö	30.46	-.04	43	41	+6	*	*	WNW	4	*	*	*	σ	*	*
Cuxhaven ...	30.53f	.00	43	42	-2	?	41	WSW	2	3	NW	9	σ	0.03	?
Sumburgh Head															
Stornoway (Hebrides)	30.34r	-.05	51	50	+7	51	43	W	3	4	SW	10	r	0.42	0
Thurso... ...	30.29f	-.12	50	49	+10	50	37	Z	0	2	S	8	gσ	0.40	1
Wick	30.33f	-.12	48	48	+5	49	40	SW	1	2	SW	10	rσ	0.38	σ
Nairn	30.41f	-.09	49	47	+12	49	37	NW	1	1	NW	6	oc	0.02	1
Aberdeen ...	30.40f	-.10	44	43	+11	45	33	Z	0	1	SW	7	bm	0.02	0
Leith	30.52f	-.05	47	44	+16	49	30	W	3	2	W	8	σ	-	*
Shields... ...	30.52f	-.08	42	40	+7	42	35	W	3	3	WSW	6	mc	-	1
York	30.59f	-.04	32	31	+10	33	20	SE	1	1	SE	10	fm	-	*
Scarborough ...	30.55f	-.06	36	35	+3	37	31	SW	2	2	WSW	9	bf	-	?
Nottingham ...	30.64f	.00	25	24	+1	27	21	W	1	1	SW	9	f	-	*
Ardrossan ...	30.53f	-.04	48	46	+2	48	46	SW	3	3	SW	8	cσ	-	3
Greencastle ...	30.54r	.00	45	44	+3	45	41	Z	0	3	WSW	10	g	-	*
Donaghadee ...	30.54r	-.02	43	42	+2	44	36	S	3	4	S	9	cσ	-	2
Kingstown ...	30.61s	.00	43	40	+3	45	39	Z	0	2	SW	9	f	-	0
Holyhead ...	30.58s	.00	44	43	+10	45	34	SW	1	1	SW	7	m	-	0
Liverpool (Bidston Obs.)	30.62f	-.02	38	37	+12	39	25	SSW	1	2	SE	10	bσ	-	1
Valencia ...	30.59r	+.05	45	42	-3	53	43	S	2	4	SSW	8	cg	-	2
Roche's Point ...	30.59s	+.04	45	43	-3	49	44	SSW	2	4	SSW	9	σ	-	3
Pembroke ...	30.64f	.00	39	38	+2	39	34	NNE	2	2	E	10	fm	-	2
Portishead ...	30.65s	.00	37	37	+10	38	25	Z	0	1	E	10	fm	0.02	0
Scilly	30.56f	-.01	48	47	+3	48	42	E	4	4	E	8	com	-	0
Plymouth ...	30.60r	.00	42	41	+7	43	35	NE	1	1	NE	10	f	-	*
Portsmouth ...	30.65r	+.01	40	38	-1	43	37	NE	2	1	E	9	σ	-	1
Dover	30.62f	+.01	40	39	-3	46	39	NNW	2	3	ESE	10	qf	-	2
London ...	30.64r	+.01	35	34	+2	38	31	W	1	0	Z	10	qf	-	*
Oxford... ...	30.66	.00	33	32	+13	33	20	Z	0	0	Z	10	f	-	*
Cambridge ...	30.63f	-.04	32	32	+10	34	22	SW	1	1	SW	7	bfc	-	*
Yarmouth ...	30.63f	-.01	29	29	-2	37	27	W	2	2	WNW	4	f	-	2
Helder... ...	30.56	-.02	43	*	-1	*	*	WSW	3	*	*	*	*	*	2
Cape Gris Nez...	30.61f	+.01	37	35	-4	45	36	SE	1	4	ESE	8	cσ	-	1
Brest	30.60r	+.04	36	36	-1	47	35	NNE	1	4	E	10	bf	-	2
L'Orient ...	30.51r	+.02	30	30	-5	46	30	ENE	3	4	ENE	10	bσ	-	2
Rochefort ...	30.53s	+.05	32	30	+4	37	27	E	5	5	ENE	10	bσ	-	0
Biarritz ...	30.45r	+.04	36	34	0	42	32	E	3	3	E	10	f	-	3
Corunna ...				*		*	*			*	*	*		*	*
Brussels ...	30.60	-.01	40	*	+8	*	*	S	3	*	*	*	f	*	*
Charleville ...	30.64	+.03	38	*	0	*	*	NE	3	*	*	*	σ	*	*
Paris	30.58r	+.02	37	?	+7	38	30	ENE	4	4	E	10	σ	-	*
Lyons	?		35	*	0	*	*	N	3	*	*	*	σ	*	
Toulon... ...	30.31r	+.05	51	40	-2	56	46	NNW	4	4	NW	1	b	-	2

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry	Wet.	Wind		C.	Wea.	Sea.
Skudesnaes ...	30.47	42	41	S	2	*	σ	2
Thurso ...	30.37	42	41	S	1	8	σ	1
Scarborough...	30.58	35	34	WSW	2	0	b	2
Greencastle ...	30.54	44	43	SW	3	10	g	*
Holyhead ...	30.58	43	42	SW	1	7	f	σ

	Bar	Dry.	Wet	Wind		C.	Wea.	Sea.
Valencia ...	30.56	50	45	S	3	5	σ	3
Scilly ...	30.58	48	46	E	3	7	c	2
London ...	30.64	38	36	Z	0	10	f	*
Rochefort ...	30.48	36	32	ENE	5	0	b	3

The barometer has begun to fall slowly in the N and NE, but elsewhere hardly any change is reported. In London a thick fog still prevails.—

EXPLANATION OF COLUMNS

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy), o. overcast; p. passing showers; q squally; r. rain; s. snow; t. thunder, u. ugly, threatening; v. visibility, unusual transparency; w. wet, de

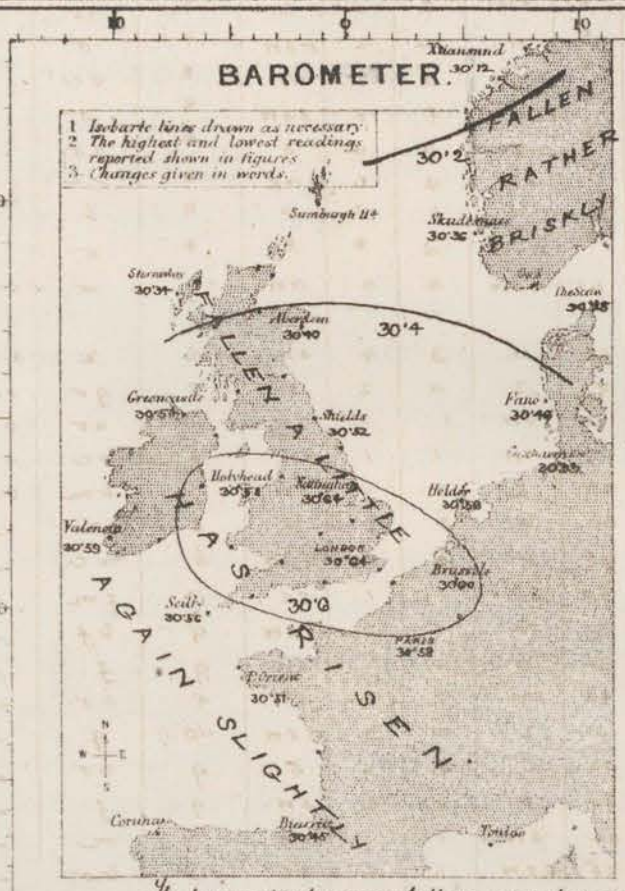
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observati taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

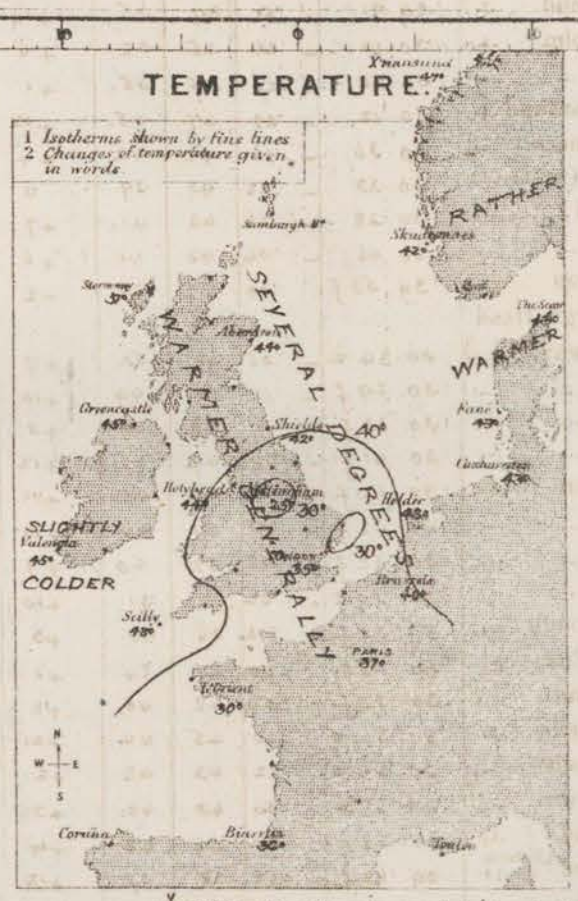
WEATHER CHARTS

AND REMARKS FOR

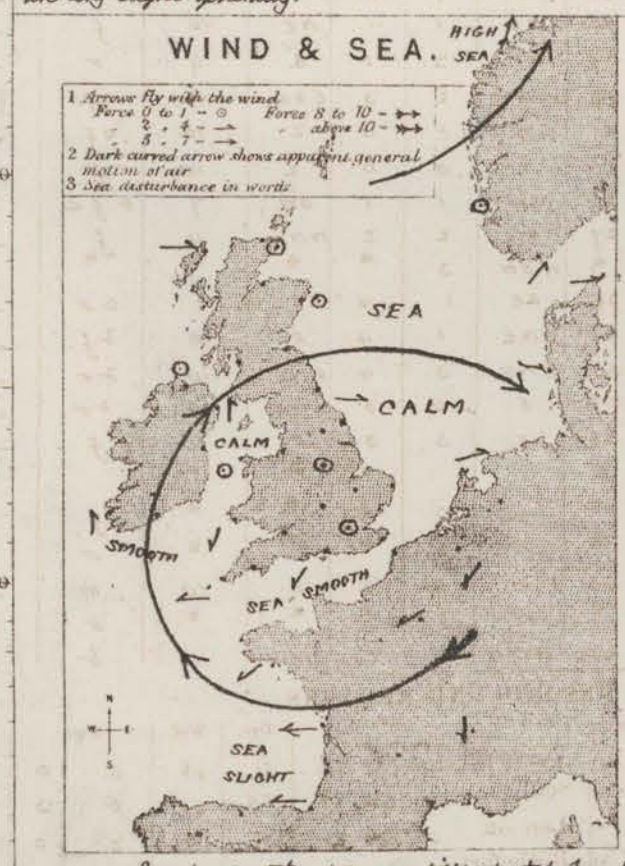
SATURDAY 13TH DECEMBER 1873 AT 8 A.M.



The barometer has now fallen somewhat at the Norwegian stations, and the fall has extended in a small degree to all our northern and eastern stations, while in the west and south west the mercury has risen slightly. The region of highest pressure has become somewhat elongated, and extends from the east of Ireland across England to Belgium and the north east of France; but gradients thence are very slight generally.



Temperature has changed irregularly, but is rising in most places. In Central England it has risen about 10°.



Moderate E^ly winds are still reported from the west of France and Scilly, light S^ly winds in Ireland, and light W^ly at most of our northern stations, while a S^ly wind continues in Norway, and has increased to a gale at Christiansund.

The sea runs high at Christiansund, but is smooth on our coasts.

Rain has fallen in the north. The sky is very cloudy generally, but, though fog and haze still prevail in many parts of the south of England, they are much less general than they were yesterday.

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Meteorological Office
116, Victoria Str^t. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from December 7th to December 13th 1873.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During nearly the whole of this week we have been under the influence of an anticyclonic system whose centre was first noticed over the Channel and NE. of France on the morning of the 7th. By 8 am on the 9th it appears to have become more thoroughly established in the neighbourhood of Belgium, where the weather was very cold, and extended thence in a NWly direction over the SE. of the British Isles, producing a great fall of temperature in the S. of England. From the 10th to the end of the week the centre of the anticyclone lay over this country and hard frosts and dense fogs remained with us during the whole time. At the close of the week, however, there were decided signs of a change reported; the fall of the barometer which commenced in the N. and E. on the 12th having become general by that time.—

DEC: 7th — A fresh fall of the barometer had taken place on our N. and NW. coasts while over our Sn stations, Denmark, Holland and the Nn parts of France the barometer had risen. In these countries the highest pressures were again established. South-westerly winds became general except at the French stations — blowing very strongly in the W. of Norway, moderately at our Nn and Wn stations and light elsewhere; but in France light to moderate NEly winds were felt. Temperature became very low in the Netherlands and their neighbourhood. The weather was very cloudy except at the central French stations (where however fog was prevalent), but very little rain occurred. —

DEC: 8th — The Nn decrease of pressure had extended to the S. of Norway and the Danish stations, while the increase in the S. had continued, and a slight recovery had occurred on our NW. coasts. Very little change took place in the direction of the winds reported except that in Norway they drew rather more towards W. and rose to a fresh gale. The cold weather extended over nearly the whole of France, so that Charleville was 19° colder than London and 30° colder than the most Nn parts of Scotland. The weather was very fine in France but remained extremely cloudy in the British Isles and over the North Sea with rain at Oxo. During the day rain fell in the Hebrides and Caithness also.

DEC: 9th — A slight fall of the mercury was reported at most of the French stations; elsewhere a slight rise had occurred. The region of highest pressure was still over Belgium and the NE. of France but extended thence to our SEn stations. Westerly winds still continued over the greater part of the British Isles, Norway and the North Sea, but the Elg wind in France extended Nwd, just affecting our Sn stations, while calms and variable airs were felt in the SE. of England. Temperature fell rapidly in the S. In London and at Oxford it decreased to 25° in the shade and at Greenwich the thermometer exposed on grass fell to 15°. The weather was still cloudy in the N. and clear in France, while dense fog set in over the SE. of England — that in London being unusually thick and black. In the evening Aurora was seen at Roches Point.

DEC: 10th — A continued fall of the barometer having occurred over France and the N. of Germany, accompanied by a steady rise on the N. and NW coasts, the region of high pressure had moved NWwd and formed

a complete anticyclone over England with the St Georges and English Channels. The winds were light to moderate everywhere, the Wly breezes in the N. being still accompanied by cloudy weather, and rain in Scotland; while fine weather was experienced with the Ely wind in France. Over all the central and SWn parts of England thick fog continued. Temperature fell very generally in the United Kingdom and Norway, and was low in England especially at London and Oxford. Aurora was seen at Ardrossan in the evening

DEC: 11th — The centre of the Anticyclone still lay over England and the barometer had risen slightly at all stations. The winds reported showed scarcely any change whatever except at Valentia, but while temperature began to rise in France and on our SW. coasts it again fell fast in the N. of England where a frost set in. Fogs prevailed over nearly the whole country.

DEC: 12th — The 8 am. chart shows that the region of highest pressure continued to extend. Over the whole of England, Belgium and the E. of Ireland pressure exceeded 30·6 ins., while the lowest reading reported in all the N. of Europe (viz. that at Toulon) was as high as 30·26 ins. — The winds became very variable and light in the N. but changed little elsewhere. The recovery of temperature shown in France yesterday had now reached the S. of England, while in the N of Gt Britain the thermometer still fell, and at York it reached 22° by 8 am. The weather remained fine in the N. of France, very foggy in England and the E. of Ireland, cloudy and damp in Scotland. During the day pressure showed some signs of giving way in the N. and E.

DEC: 13th — The barometer had fallen about a quarter of an inch over Norway and to a less extent on our E. coasts, but the position of the anticyclone showed very little change. The Wly wind freshened in the Skager Rack, and after backing to SSW. at Valentia increased to a gale at that station. Temperature rose generally, and though fogs were still very prevalent in England they appear to have become less dense than hitherto. During the day the barometric fall became general, and the anticyclonic system noticed all the week showed decided signs of breaking up. —

Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director

Sun-day 8 a.m. **WEATHER REPORT.** Dec: 14th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...	29.36	-.44	28	27	+14	*	*	S	2	2	SE	*	o	*	*
Hernösand ...	29.73	-.18	46	43	+7	*	*	W	2	6	SW	*	o	*	*
Stockholm ...	29.86	-.24	35	34	0	*	*	W	4	6	?	*	o	*	*
Wisby	30.07	-.21	39	38	+2	*	*	W	2	2	NW	*	b	*	*
Christiansund ...	29.93	-.19	47	46	0	*	*	SW	8	8	SW	*	r	*	6
Skudesnaes ...	30.23	-.13	46	45	+4	*	*	WNW	4	4	NNE	*	r	*	2
Oxö (Christiansand)	30.13	-.20	46	43	+6	*	*	SSW	4	6	WSW	*	b	*	2
Skagen (The Skaw)	30.08	-.20	40	40	-3	*	*	WNW	2	*	*	*	o	*	*
Fanö	30.32	-.14	46	46	+3	*	*	W	6	*	*	*	f	*	*
Cuxhaven ...	30.37f	-.16	43	41	0	?	39	WSW	4	3	NNE	9	m	0.02	
Sumburgh Head Stornoway (Hebrides)	30.18f	-.16	45	43	-6	51	43	SW	5	5	W	10	o g	–	3
Thurso... ...	30.19f	-.10	45	43	-5	53	44	SSW	1	2	W	8	o	–	1
Wick	30.18f	-.15	45	43	-3	52	42	Z	0	2	SW	10	o	–	0
Nairn	30.26f	-.15	44	41	-5	52	44	W	1	1	NW	7	c	–	1
Aberdeen ...	30.28f	-.12	44	41	0	52	44	WSW	1	1	WSW	7	mc	–	0
Leith	30.37f	-.15	43	42	-4	50	42	W	3	3	W	8	c o	–	*
Shields... ...	30.40f	-.12	44	42	+2	45	42	W	5	5	WNW	8	b m	–	1
York	30.44f	-.15	38	37	+6	39	28	W	1	1	SE	9	f o	–	*
Scarborough ...	30.41f	-.14	39	38	+3	41	36	SW	2	2	WSW	9	f o	–	2
Nottingham ...	30.50f	-.14	32	32	+7	32	25	WSW	1	1	SW	10	f	–	*
Ardrossan ...	30.39f	-.14	43	40	-5	48	43	SW	3	3	SW	8	o	0.05	2
Greencastle ...	30.35f	-.19	41	40	-4	46	39	SSW	2	2	SSW	10	m g	0.01	*
Donaghadee ...	30.40f	-.14	40	39	-3	46	38	S	2	3	WSW	9	o	–	2
Kingstown ...	30.42f	-.19	43	40	0	46	41	SSE	1	1	SW	10	f m	–	1
Holyhead ...	30.41f	-.17	44	43	0	45	42	SSW	2	2	SSW	10	m f	–	1
Liverpool (Bidston Obs.)	30.46f	-.16	36	35	-2	41	35	SSE	2	2	SW	10	o m	–	1
Valencia ...	30.34f	-.25	48	45	+3	49	43	S	5	4	S	7	c	–	4
Roche's Point ...	30.38f	-.21	46	44	+1	49	43	S	5	5	S	9	o	–	4
Pembroke ...	30.47f	-.17	43	41	+4	43	38	SE	2	2	SE	10	f m	0.01	2
Portishead ...	30.53f	-.12	35	34	-2	39	32	Z	0	1	ESE	10	o	–	0
Scilly	30.53f	-.03	45	43	-3	48	44	SSE	4	4	ESE	8	o	–	2
Plymouth ...	30.47f	-.13	42	41	0	46	40	E	1	1	NE	10	o m	–	*
Portsmouth ...	30.50f	-.15	36	35	-4	43	32	NE	1	2	NE	9	o m	–	1
Dover	30.51f	-.11	37	36	-3	42	35	NNW	2	2	NNW	10	f	–	2
London ...	30.52f	-.12	34	33	-1	39	33	NW	1	2	W	10	f o m	–	*
Oxford... ...	30.53	-.13	33	32	0	35	32	Z	0	1	SW	10	m	0.03	*
Cambridge ...	30.49f	-.14	33	32	+1	35	30	SW	1	1	SW	10	o o	–	*
Yarmouth ...	30.48f	-.15	34	34	+5	36	27	WSW	1	2	W	8	f	–	2
Helder... ...				*		*	*			*	*	*	*	*	
Cape Gris Nez...	30.50f	-.11	36	34	-1	43	36	SE	1	1	SE	10	o	–	1
Brest	30.49f	-.11	33	33	-3	37	31	SE	3	3	NE	10	f	–	2
L'Orient ...	30.45f	-.06	33	33	+3	36	30	E	3	3	ENE	10	f o	–	2
Rochefort ...	30.48f	-.05	32	30	0	35	30	E	5	5	E	10	o	–	3
Biarritz ...	30.41f	-.04	34	34	-2	39	33	E	4	4	E	10	m o	–	3
Corunna ...	30.40	+.32	39	*	0	*	*	NE	3	*	*	*	?	*	?
Brussels ...	30.48	-.12	39	*	-1	*	*	ENE	3	*	*	*	o	*	*
Charleville ...	30.52	-.12	33	*	-5	*	*	ENE	?	*	*	*	?	*	*
Paris	30.50f	-.08	34	?	-3	38	34	E	3	?	?	10	o	–	*
Lyons	?		34	*	-1	*	*	NW	?	*	*	*	m	*	
Toulon... ...	30.32r	+.01	48	44	-3	55	46	NE	1	3	E	2	b	–	2

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.33	44	44	Z	0	*	r	2
Thurso ...	30.32	51	50	W	1	7	c	1
Scarborough...	30.53	41	40	WSW	2	9	o	2
Greencastle ...	30.53	46	45	Z	0	10	m	*
Holyhead ...	30.57	44	42	SSW	2	10	m	1

	Bar.	Dry.	Wet	Wind.		C	Wea	Sea.
Valencia ...	30.58	46	44	SSE	3	8	g	3
Scilly ...	30.56	48	46	ESE	4	8	o	3
London ...	30.63	38	36	W	2	10	f o m	*
Rochefort ...	30.52	34	32	E	5	10	o	3

Very little change of any kind is reported. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

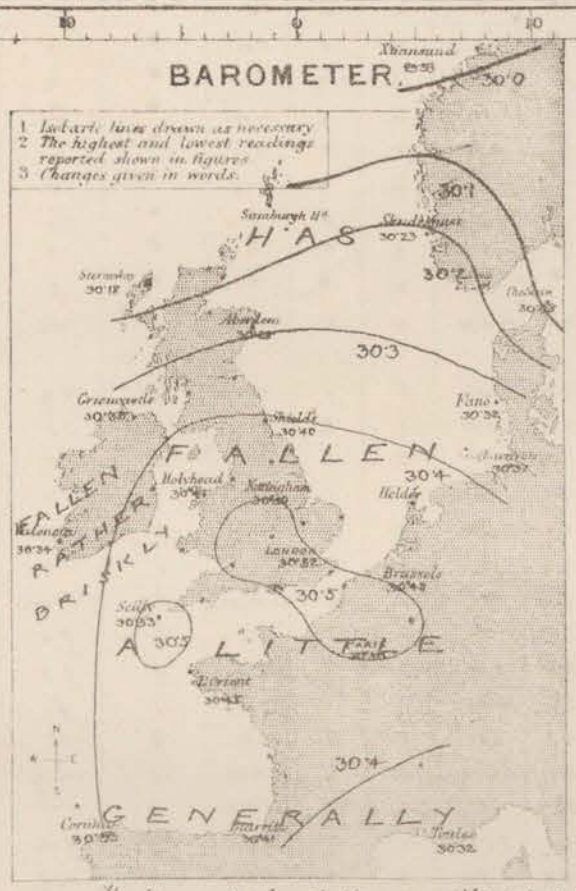
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

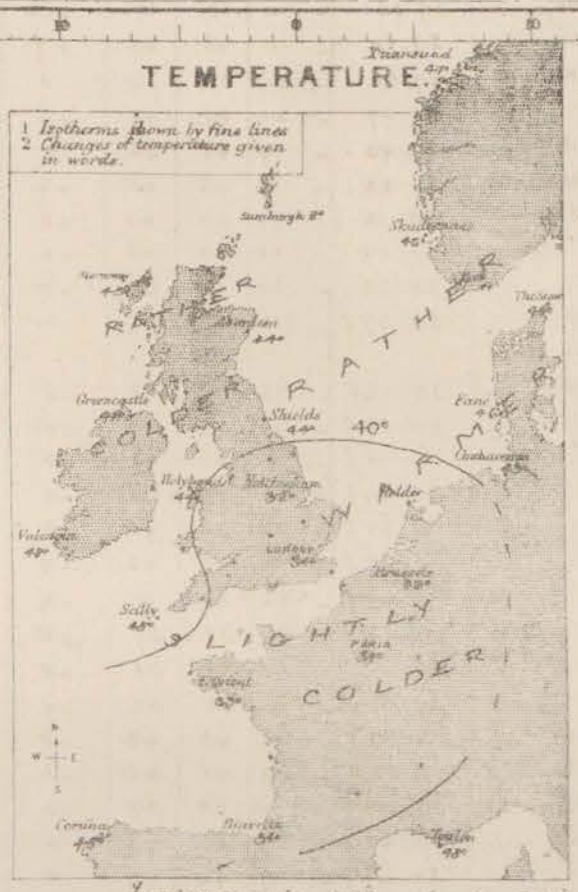
SUNDAY 14TH DECEMBER 1873 AT 8 A.M.

BAROMETER.



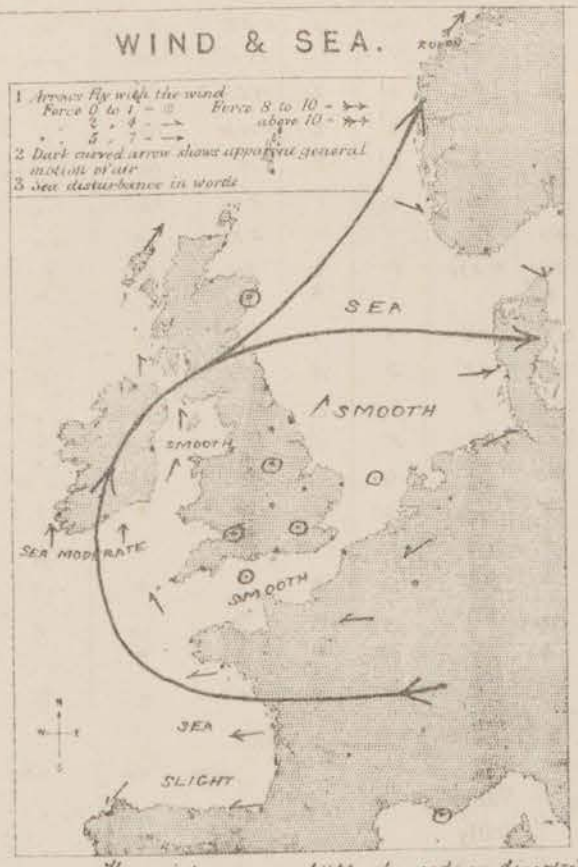
The barometer has fallen over the whole of north-western Europe during the past 24 hours, most in the south of Ireland. The highest readings are still to be found at the central and southern English stations, and the gradient from London to Christiansund is 0·06in per 30 miles.

TEMPERATURE.



Temperature has fallen a few degrees in the north of our Islands and north east of France, but has risen slightly at most other stations.

WIND & SEA.



The winds are very little changed in direction since yesterday, but they have increased slightly in force in most places. Moderate E'ly winds continue in the west of France, while S'ly breezes are still reported from Ireland, drawing into S'ly or W in the north.

The sea is rough off Christiansund, moderate on the south coast of Ireland, smooth elsewhere.

CLOUD, RAIN &c.

A little rain has fallen in the north west. The sky is very cloudy, with mist or fog in several parts of England.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Mon- day 8 a.m. **WEATHER REPORT.** Dec: 15th 1873.

STATIONS.	BAROMETER. At 8 A.M. Reduced to 32° F at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.43	+.07	27	27	-1	*	*	S	2	4	W	*	o	*	*
Hernösand ...	29.60	-.13	37	36	-9	*	*	W	2	0	Z	*	b	*	*
Stockholm ...	29.70	-.16	35	34	0	*	*	W	2	4	W	*	b	*	*
Wisby	29.86	-.21	41	39	+2	*	*	NW	4	2	NW	*	bc	*	*
Christiansund ...	29.71	-.22	45	43	-2	*	*	WSW	6	8	WSW	*	r	*	5
Skudesnaes ...	29.89	-.34	44	43	-2	*	*	SSW	4	2	W	*	o	*	3
Oxö (X'tiansand)	29.93	-.20	44	41	-2	*	*	W	6	4	W	*	b o	*	4
Skagen (The Skaw)	29.93	-.15	44	42	+4	*	*	NW	8	*	*	*	c	*	*
Fanö	30.10	-.22	44	42	-2	*	*	W	6	*	*	*	o	*	*
Cuxhaven ...	30.21f	-.16	42	42	-1	45	?	WSW	4	4	WSW	9	m	0.04	?
Sumburgh Head															
Stornoway (Hebrides)	29.49f	-.69	43	41	-2	46	41	SW	5	8	SW	9	gp	0.12	6
Thurso... ...	29.51f	-.68	44	42	-1	45	34	S	2	2	SSW	8	co	-	1
Wick	29.55f	-.63	46	43	+1	46	36	W	3	3	W	8	o	-	1
Nairn	29.61f	-.65	46	44	+2	47	39	W	4	4	W	0	cb	-	2
Aberdeen ...	29.71f	-.57	44	43	0	45	33	SSW	4	4	SSW	10	o o	-	1
Leith	29.79f	-.58	46	41	+3	49	41	SW	4	3	W	8	o r	-	*
Shields... ...	29.97f	-.43	39	38	-5	45	37	S	4	4	S	8	co	-	2
York	30.09f	-.35	35	34	-3	41	28	S	2	2	S	9	o	-	*
Scarborough ...	30.06f	-.35	34	34	-5	42	30	SW	3	2	SW	7	fc	-	2
Nottingham ...	30.20f	-.30	34	33	+2	35	31	SW	3	3	SW	10	m	-	*
Ardrossan ...	29.82f	-.57	49	47	+6	49	43	SW	4	6	SW	8	o	0.07	5
Greencastle ...	29.84f	-.51	44	43	+3	46	41	WSW	3	5	SSW	?	q	0.03	*
Donaghadee ...	29.89f	-.51	45	44	+5	46	39	S	5	6	S	10	-o	-	3
Kingstown ...	30.00f	-.42	49	46	+6	51	42	W	4	1	S	9	mo	-	3
Holyhead ...	30.00f	-.41	49	49	+5	50	43	SW	4	6	SW	10	d	0.03	3
Liverpool (Bidston Obs.)	30.06f	-.40	39	38	+3	41	35	SE	3	4	SE	10	o	-	2
Valencia ...	30.03f	-.31	50	49	+2	53	45	SW	3	7	S	7	rc	0.22	4
Roche's Point ...	30.05f	-.33	49	48	+3	51	46	WSW	2	7	SSW	9	o	0.15	4
Pembroke ...	30.10f	-.37	49	49	+6	49	42	SW	5	5	SW	10	om	-	4
Portishead ...	30.18f	-.35	41	40	+6	42	35	SW	3	3	SW	10	ow	-	2
Scilly	30.20f	-.33	50	49	+5	50	41	SSW	5	5	SSW	9	o	-	4
Plymouth ...	30.16f	-.31	48	46	+6	49	40	SW	2	3	S	10	qo	-	*
Portsmouth ...															
Dover	30.29f	-.22	40	38	+3	41	36	SW	3	1	NE	10	fo	-	2
London ...	30.25f	-.27	39	38	+5	39	33	SW	2	2	SW	10	do	0.03	*
Oxford... ...	30.20	-.33	37	36	+4	37	31	S	1	1	S	10	m	0.01	*
Cambridge ...	30.24f	-.25	36	35	+3	37	30	S	1	1	SW	10	o	-	*
Yarmouth ...	30.24f	-.24	36	35	+2	37	32	SSW	2	2	WSW	8	fq	0.02	2
Helder... ...	30.23		42	*		*	*	W	6	*	*	*	*	*	2
Cape Gris Nez...	30.30f	-.20	37	35	+1	40	32	SW	4	1	SE	10	mo	-	3
Brest	30.34f	-.15	46	46	+13	?	33	S	4	4	S	10	f	-	3
L'Orient ...	?		40	?	+7	?	33	S	3	3	NNE	9	o	-	?
Rochefort ...	30.48r	.00	30	26	-2	34	28	NE	4	5	ENE	10	o	-	3
Biarritz ...	30.41r	.00	36	34	+2	37	32	SE	3	4	E	10	o	-	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.36	-.12	33	*	-6	*	*	W	4	*	*	*	o	*	*
Charleville ...	30.43	-.09	29	*	-4	*	*	SW	1	*	*	*	o	*	*
Paris	30.40f	-.10	30	?	-4	36	30	SW	4	4	E	10	o	-	*
Lyons	?		34	*	0	*	*	N	0	*	*	*	o	*	*
Toulon... ...	30.21f	-.11	45	41	-3	50	44	NW	4	3	SW	2	b	-	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.54	46	45	W	2	*	o	2
Thurso ...								
Scarborough...								
Greencastle ...								*
Holyhead ...								

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...								
Scilly ...								*
London ...								
Rochefort ...	30.48	31	29	ESE	5	10	o	3

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

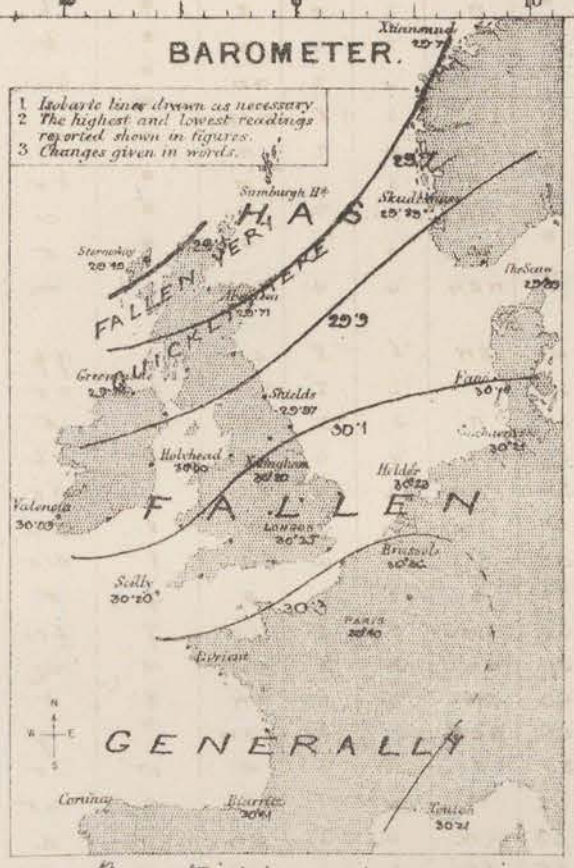
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

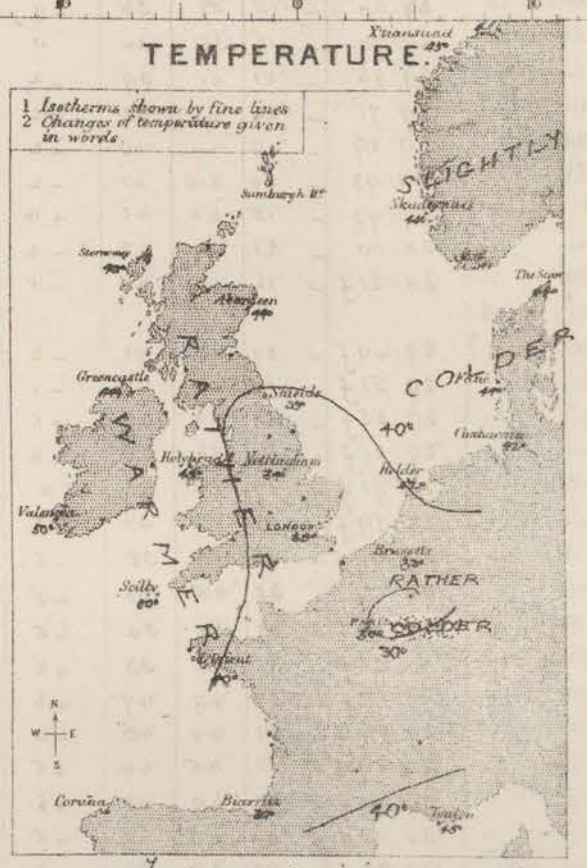
MONDAY 15TH DECEMBER 1873 AT 8 A.M.

BAROMETER.



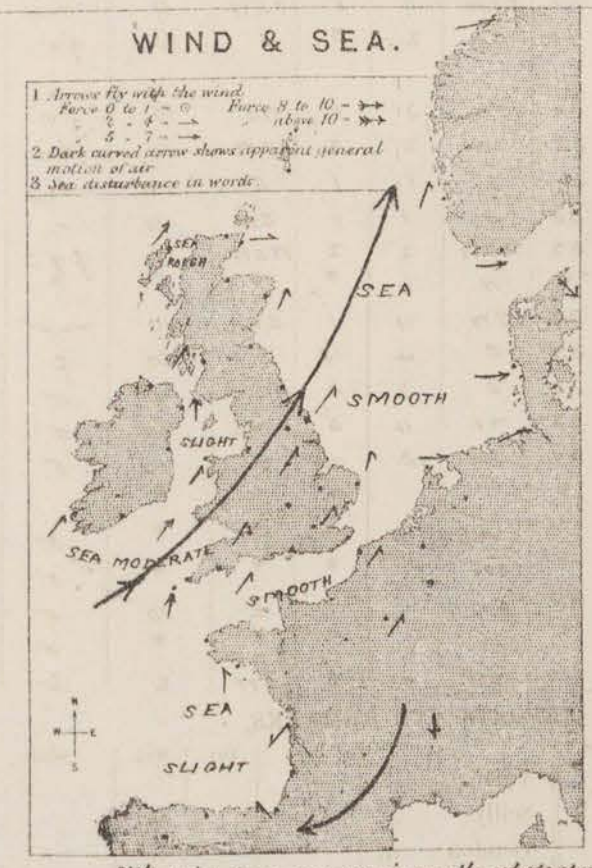
Barometrical pressure has now given way entirely over the north-west of Europe, especially at the most north-western stations. The highest readings are now found over western and central France, and while the gradient from Paris to Shields is 0·05 in. that from Shields to Stornoway is 0·11 in. per 50 miles.

TEMPERATURE.



Temperature has increased at all the western and our southern stations, but has changed irregularly elsewhere. It is again low at the Central and some of the western French stations.

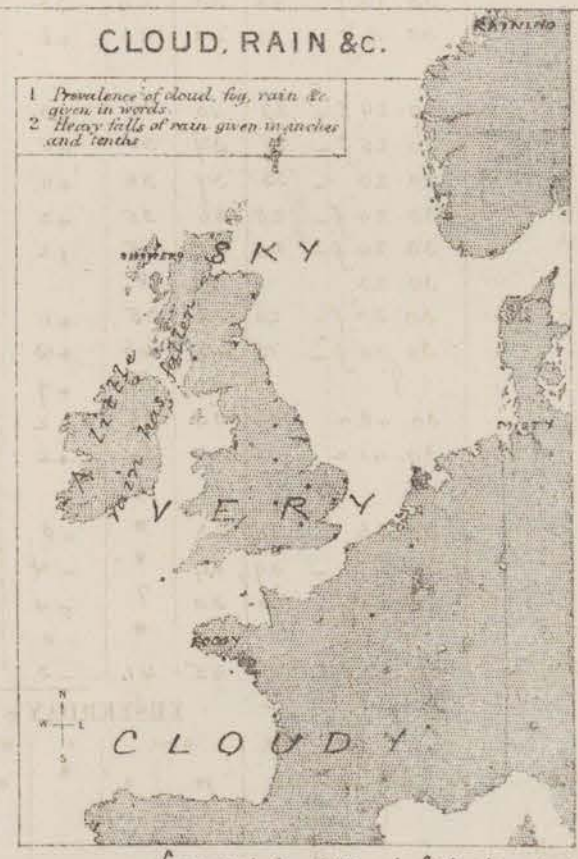
WIND & SEA.



SW winds have now set in over the whole of our Islands and Norway, and are generally moderate in force. At Stornoway, however, a fresh SW gale was felt in the night and a fresh NW gale is now reported at the Skaw. In the south of France the winds are N.

The sea is rough in the north-west, moderate to smooth elsewhere.

CLOUD, RAIN &c.



Some rain has fallen in Ireland and also at the south-eastern stations. The sky is overcast or very cloudy generally.

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Meteorological Office
116, Victoria Strt. Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Tues. day 8 a.m. **WEATHER REPORT.** Dec: 16th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby						*	*					*		*	*
Christiansund ...						*	*					*		*	
Skudesnaes ...						*	*					*		*	
Oxö (X'tiansand)						*	*					*		*	
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö						*	*			*	*	*		*	*
Cuxhaven ...	29.56 f	- .65	40	40	-2	?	33	SW	9	6	WSW	9	m	0.06	?
Sumburgh Head															
Stornoway (Hebrides)															
Thurso... ...															
Wick															
Nairn	29.01 f	- .60	47	45	+1	56	41	WNW	8	10	W	10	ro	0.20	5
Aberdeen ...	28.97 f	- .74	51	44	+7	58	42	W	10	10	SW	7	c	-	2
Leith	29.28 f	- .51	49	48	+3	58	46	W	8	8	SW	6	c	0.03	*
Shields... ...	29.33 f	- .64	50	45	+11	56	39	W	11	11	WSW	3	ob	-	3
York	29.53 f	- .56	55	48	+20	58	33	W	7	8	W	5	qq	0.02	*
Scarborough ...	29.43 f	- .63	52	47	+18	55	34	W	8	7	WSW	7	qc	-	5
Nottingham ...	29.66 f	- .54	57	53	+23	57	34	WSW	6	7	SSW	10	q	0.03	*
Ardrossan ...	29.49 f	- .33	51	49	+2	51	47	WNW	10	10	WNW	8	o	0.31	6
Greencastle ...	29.67 r	- .17	48	43	+4	50	43	WNW	8	8	WNW	10	q	0.35	*
Donaghadee ...	29.71 f	- .18	49	44	+4	54	45	WNW	6	8	WSW	2	ob	0.04	
Kingstown ...	29.74 f	- .26	54	49	+5	58	49	W	7	4	W	9	q	-	5
Holyhead ...	29.78 f	- .22	55	53	+6	55	49	WSW	4	6	WSW	6	rm	0.12	4
Liverpool (Bidston Obs.)	29.71 f	- .35	53	52	+14	57	39	WSW	7	8	WSW	10	cqr	0.05	2
Valencia ...	30.03 r	.00	55	54	+5	56	48	W	5	6	SW	9	m	0.02	5
Roche's Point ...	29.98 r	- .07	54	52	+5	55	48	W	4	4	WSW	7	mc	0.03	4
Pembroke ...	29.98	- .12	53	52	+4	52	49	W	7	7	W	10	om	0.04	4
Portishead ...	29.94 f	- .24	51	50	+10	52	39	WSW	5	5	WSW	10	dw	0.06	4
Scilly	30.15 s	- .05	53	53	+3	53	49	SW	6	6	WSW	10	dm	0.10	5
Plymouth ...	30.09 f	- .07	53	53	+5	54	46	W	4	5	W	10	d	0.04	*
Portsmouth ...															
Dover	29.90 f	- .39	50	49	+10	50	38	SW	5	6	SW	10	ow	0.08	5
London ...	29.87 f	- .38	55	52	+16	55	38	WSW	5	7	WSW	10	dqo	0.04	*
Oxford... ...	29.84	- .36	54	52	+17	54	37	WSW	6	8	WSW	10	m	0.04	*
Cambridge ...	29.76 f	- .48	53	51	+17	54	35	SW	5	6	SW	10	wro	0.01	*
Yarmouth ...	29.67 f	- .57	52	51	+16	54	35	WSW	6	7	SW	7	qqc	0.03	3
Helder... ...	29.63	- .60	48	*	+6	*	*	SW	8	*	*	*	*	*	5
Cape Gris Nez...	29.96 f	- .34	50	50	+13	?	35	WSW	8	5	S	10	m	0.04	6
Brest	30.28 f	- .06	53	53	+7	54	42	W	5	5	WSW	10	om	-	4
L'Orient ...	30.29 f		52	52	+12	55	40	W	4	4	WSW	10	of	-	3
Rochefort ...	30.47 f	- .01	?	?		38	?	S	4	4	? NE	10	o	-	5
Biarritz ...	30.49 r	+ .08	39	37	+3	43	36	SE	4	4	E	3	of	-	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.96	- .40	42	*	+9	*	*	WSW	6	*	*	*	ro	*	*
Charleville ..	30.26	- .17	?31	*	+2	*	*	S	1	*	*	*	o	*	*
Paris	30.22 f	- .18	39	?	+9	?	30	SW	4	4	SSW	10	o	-	*
Lyons	?		37	*	+3	*	*	SE	3	*	*	*	o	*	*
Toulon... ...	30.22 r	+ .01	44	40	-1	52	42	NE	1	5	NW	3	fc	-	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.67	43	42	SSW	6	*	r	4
Thurso ...	29.53	41	39	SW	4	3	pc	3
Scarborough...	29.97	40	39	SW	3	10	m	?
Greencastle ...	29.81	46	45	SW	4	10	q	*
Holyhead ...	29.99	50	49	SW	2	7	m	2
Valencia ...	30.01	53	51	SW	3	8	q	4
Scilly ...	30.17	52	50	SSW	6	10	d	5
London ...	30.18	46	43	SSW	2	10	om	*
Rochefort ...	30.47	34	32	SE	4	10	a	3

The barometer has risen a very little in the N of Scotland but fallen elsewhere, most in the E. The wind is generally light from SW in our Islands with fine rain at Scilly.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

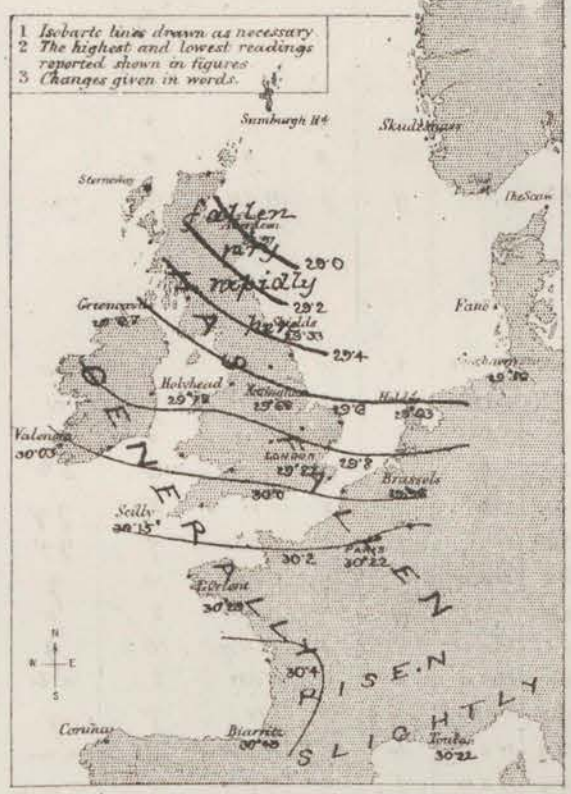
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

TUESDAY 16th DECEMBER 1873 AT 8 A.M.

BAROMETER.

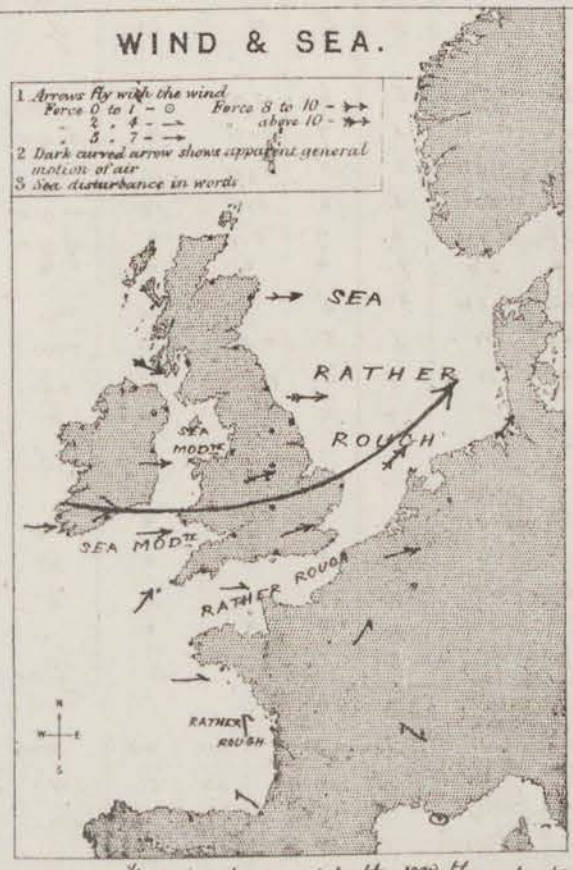


A very sudden fall of the barometer has taken place on our north and north-east coasts during the past night and the centre of a very deep depression appears to be lying off the north-east coast of Scotland, while the highest readings are found over the southern part of the Bay of Biscay. The gradient from Scilly to Liverpool is 0·06 in., while that from Greencastle to Aldeburgh is 0·15 in. per 50 miles.

TEMPERATURE.

Temperature has risen almost everywhere, very rapidly at our eastern stations, and it is now high generally.

WIND & SEA.



The wind has veered to the W.ward throughout our Islands and the north of France during the night, and has increased to a heavy gale over the north of the Kingdom, while in Holland a fresh S.ly gale is reported.

The sea is rough at Aldeburgh, rather so generally.

CLOUD, RAIN &c.

Rain has fallen in nearly all places, but not very heavily. The sky is overcast in nearly all places.

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Meteorological Office.
116, Victoria Str.t, Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks, Day & Son Lith. London W.C.

Wednes-day 8 a.m. **WEATHER REPORT.** Dec: 17th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	In past 24 hours. Min.	WIND. At 8 A.M. Direc.	At 8 A.M. Force. — (0 to 12.)	Extreme. Force. — (0 to 12.)	Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...						*	*					*		*	*
Hernösand ...						*	*					*		*	*
Stockholm ...						*	*					*		*	*
Wisby						*	*					*		*	*
Christiansund ...						*	*					*		*	
Skudesnaes ...						*	*					*		*	
Oxö (X'tiansand)						*	*					*		*	
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö						*	*			*	*	*		*	*
Cuxhaven ...	29.71 r	+ ·15	47	44	+7	?	38	NW	8	10	W	9	om	0.04	?
Sumburgh Head															
Stornoway (Hebrides.)															
Thurso... ...															
Wick															
Nairn	29.92 r	+ ·91	39	37	−8	49	39	? Z	0	8	WNW	?	pb	0.03	? 2
Aberdeen ...	29.91 r	+ ·94	40	38	−11	52	40	? WSW	1	11	W	1	cbm	0.03	1
Leith	30.00 r	+ ·72	45	44	−4	52	43	W	2	7	NW	9	co	—	*
Shields... ...	30.01 r	+ ·68	46	44	−4	50	44	SW	2	10	W	9	qd	-	2
York	30.07 r	+ ·54	45	44	−10	55	42	S	1	7	W	10	oqd	0.03	*
Scarborough ...	30.05 r	+ ·62	45	44	−7	52	44	W	2	8	W	10	cd	0.06	3
Nottingham ...	30.11 r	+ ·45	47	46	−10	58	32	WNW	1	9	WNW	10	qm	—	*
Ardrossan ...	30.02 r	+ ·53	49	48	−2	51	47	SW	1	10	WNW	9	qdf	0.01	1
Greencastle ...	30.01 r	+ ·34	49	49	+1	49	45	WSW	5	8	WNW	10	q	0.21	*
Donaghadee ...	30.01 r	+ ·30	51	50	+2	51	44	WSW	3	6	WNW	10	bo	0.02	2
Kingstown ...	30.13 r	+ ·39	53	51	−1	56	49	W	3	7	W	9	co	—	0
Holyhead ...	30.09 r	+ ·31	52	51	−3	55	49	SW	3	5	WSW	7	om	—	2
Liverpool (Bidston Obs.)	30.08 r	+ ·37	51	49	−2	53	45	WSW	5	8	W	10	oqo	0.03	3
Valencia ...	30.23 r	+ ·20	52	51	−3	56	50	SW	4	4	W	9	mo	0.08	4
Roche's Point ...	30.22 r	+ ·24	51	51	−3	58	50	W	3	4	WNW	9	om	—	3
Pembroke ...	30.22 r	+ ·24	49	49	−4	53	49	W	4	7	WNW	10	of	0.02	4
Portishead ...	30.29 r	+ ·35	49	49	−2	52	44	WSW	4	6	W	10	co	0.02	3
Scilly	30.32 r	+ ·17	50	50	−3	53	49	WSW	5	6	WSW	10	f	0.02	5
Plymouth ...	30.28 r	+ ·19	51	51	−2	55	49	W	2	4	W	10	f	—	*
Portsmouth ...															
Dover	30.16 r	+ ·26	47	45	−3	54	39	WSW	3	5	SW	10	bo	—	2
London ...	30.16 r	+ ·29	51	50	−4	57	40	W	2	6	WSW	10	qbo	-	*
Oxford... ...	30.18	+ ·34	50	49	−4	57	42	WSW	3	6	WSW	10	om	—	*
Cambridge ...	30.14 r	+ ·38	45	44	−8	58	41	SW	1	6	SW	10	o	—	*
Yarmouth ...	30.11 r	+ ·44	45	44	−7	56	42	W	3	7	WNW	10	co	-	3
Helder	30.00	+ ·37	47	*	−1	*	*	WNW	7	*	*	*	*	*	4
Cape Gris Nez...	30.16 r	+ ·20	49	47	−1	53	37	WSW	3	8	WSW	10	mo	—	2
Brest	30.40 r	+ ·12	51	51	−2	54	49	NW	3	5	W	10	fm	0.08	4
L'Orient ...	30.35 r	+ ·06	50	50	−2	57	49	WNW	3	4	WNW	10	f	0.04	3
Rochefort ...	30.42 r	− ·05	48	46	?	52	38	W	4	5	SW	10	om	—	4
Biarritz ...	30.44 f	− ·05	48	44	+9	49	39	S	1	4	SE	10	fo	-	5
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.21	+ ·25	45	*	+3	*	*	SW	3	*	*	*	b	*	*
Charleville ...	30.23	− ·03	38	*	? +7	*	*	W	1	*	*	*	f	*	*
Paris	30.28 r	+ ·06	50	?	+11	?	46	W	4	5	SW	10	o	0.04	*
Lyons	?		39	*	+2	*	*	SW	1	*	*	*	r	*	*
Toulon... ...	30.30 r	+ ·08	36	31	+8	56	26	NW	5	5	NW	4	c	—	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	28.74	46	43	WNW	10	*	o	8
Thurso ...	29.36	37	35	NW	6	7	po	5
Scarborough...	29.64	49	44	WNW	8	8	o	5
Greencastle ...	29.87	48	44	NW	7	2	b	*
Holyhead ...	29.93	? 59	? 57	WSW	5	7	m	4

	Bar	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	30.12	55	55	W	4	9	m	5
Scilly ...	30.20	53	53	WSW	6	10	fd	6
London ...	29.89	52	53	W	3	10	qo	*
Rochefort ...	30.44	50	46	SSW	4	10	o	3

Pressure is increasing throughout our Islands, especially in the N., where the wind is veering to NW. as the disturbance noticed this morning is passing off.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

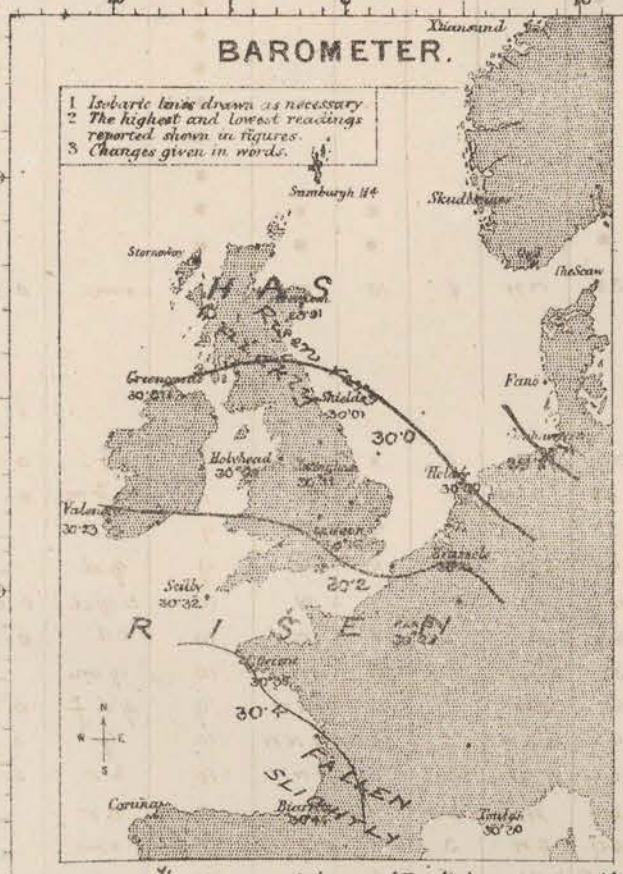
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

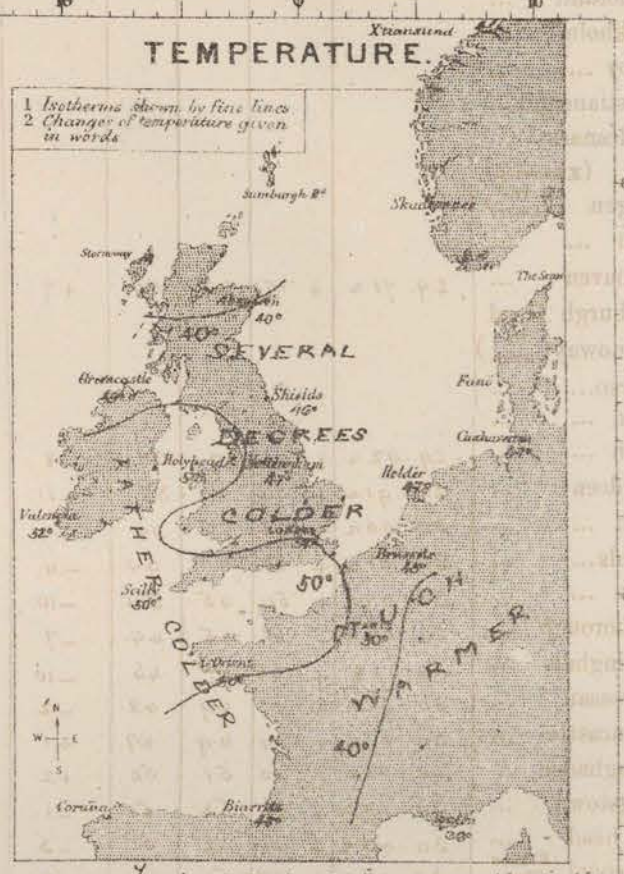
WEATHER CHARTS

AND REMARKS FOR

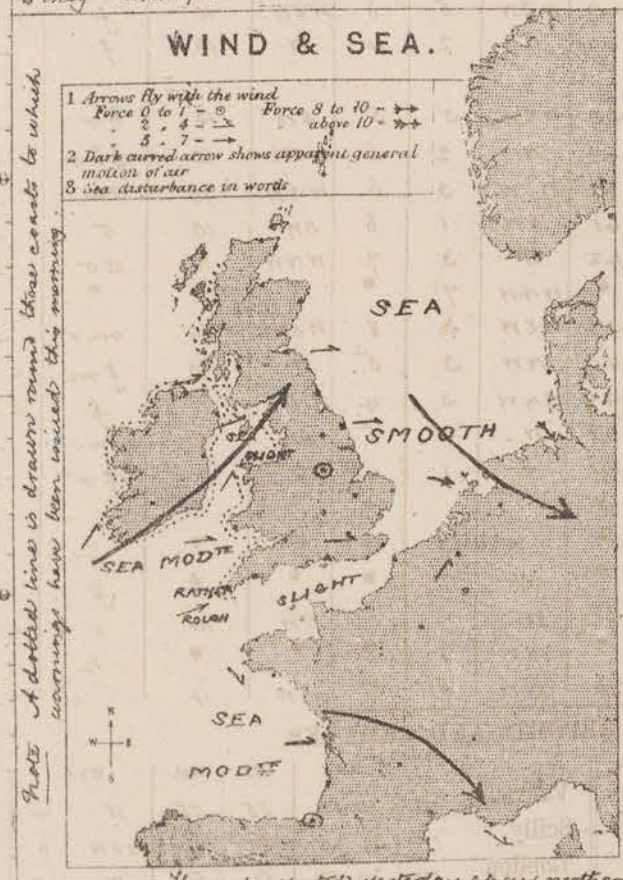
WEDNESDAY 17th DECEMBER 1873 AT 8 A.M.



The recovery of barometrical pressure as the disturbance noticed yesterday passed off was very rapid in the northern parts of the kingdom so that the reading at Marin is now 0·9in. higher than it was yesterday morning. At the southern stations the change is much less marked. The highest readings are still found over the Bay of Biscay, but the gradient from Scilly to Andromar is only 0·04in. per 50 miles.

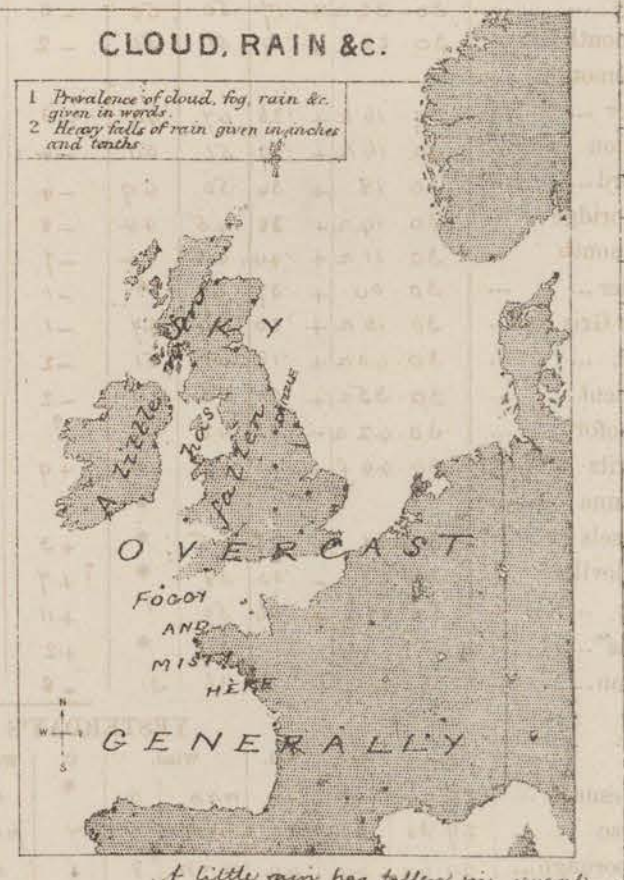


Temperature has fallen generally in the United Kingdom, most in the east of England, but near over central France. In London it fell to 40° in the shade, and 33° on the grass during the night, but has since begun to rise quickly.



The gale reported yesterday at our northern stations subsided towards night, and moderate N.W. breezes are now reported from our own and the French coasts, though a N.W. gale is blowing in Holland. In Ireland the wind has backed to the S.W. again.

The sea is moderate to smooth except at Scilly.



A little rain has fallen in several places. The sky is overcast generally, and the weather seems far from being settled.

Warnings issued to all our western coasts this morning.

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" " book post 5/ per quarter

Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT. Director.

Vincent Brooks Day & Son Lith. London W.C.

Thurs-day 8 a.m. **WEATHER REPORT.** Dec: 18th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...	29.56	+.76	25	25	+3	*	*	NE	2	8	N	*	b	*	*
Hernösand ...	29.60	+.74	20	19	−4	*	*	Z	0	6	N	*	b	*	*
Stockholm ...	29.63	+.88	23	22	−9	*	*	NNW	4	8	NW	*	b	*	*
Wisby	29.72	+.84	33	32	−5	*	*	N	6	10	N	*	c	*	*
Christiansund ...	29.25	−.14	42	40	+3	*	*	SW	6	4	SSW	*	cfo	*	3
Skudesnaes ...	29.58	−.19	46	44	+3	*	*	W	8	4	NNW	*	bc	*	6
Oxö (X'tiansand)	29.54	+.19	46	45	+5	*	*	SSW	6	4	WSW	*	r	*	4
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö						*	*			*	*	*		*	*
Cuxhaven ...	29.93r	+.22	44	44	−3	?	39	SW	4	7	NNW	9	m	0.02	?
Sumburgh Head															
Stornoway (Hebrides)															
Thurso... ...															
Wick															
Nairn	29.83r	−.09	41	39	+2	52	39	NNW	1	4	NNW	0	b	–	1
Aberdeen ...	29.85r	−.06	42	38	+2	52	39	WSW	1	4	SW	1	cb	–	1
Leith	29.98f	−.02	44	43	−1	55	43	W	3	4	W	1	sb	–	*
Shields... ...	30.00f	−.01	47	44	+1	52	45	NNW	3	5	N	7	mc	–	2
York	30.05f	−.02	50	47	+5	54	44	W	? 7	6	W	9	qq	0.02	*
Scarborough ...	30.05s	.00	48	47	+3	51	41	NW	2	2	WSW	10	cr	0.01	2
Nottingham ...	30.11f	.00	49	48	+2	57	46	WSW	2	3	S	9	rm	–	*
Ardrossan ...	30.03r	+.01	48	44	−1	53	43	W	4	5	SW	4	sc	0.05	3
Greencastle ...	30.07r	+.06	43	42	−6	51	43	WNW	4	5	WSW	6	qp	0.07	*
Donaghadee ...	30.10r	+.09	48	41	−8	52	43	W	4	6	WSW	8	c	0.02	3
Kingstown ...	30.16r	+.03	49	48	−4	57	48	W	2	4	W	10	sm	0.06	2
Holyhead ...	30.13r	+.04	50	48	−2	55	49	W	2	3	SW	10	co	–	1
Liverpool (Bidston Obs.)	30.11f	+.03	48	47	−3	55	47	WSW	4	6	W	10	cr	0.01	3
Valencia ...	30.24s	+.01	50	49	−2	54	48	W	2	4	SW	7	mc	0.08	2
Roche's Point ...	30.22r	.00	50	49	−1	58	49	W	2	4	W	9	mo	0.02	2
Pembroke ...	30.22f	.00	51	50	+2	51	49	W	3	4	WSW	10	fm	0.01	3
Portishead ...	30.22f	−.07	50	50	+1	53	46	W	3	6	WSW	10	o	0.01	2
Scilly	30.30f	−.02	51	50	+1	52	49	SW	4	5	WSW	7	fc	0.01	3
Plymouth ...	30.27f	−.01	51	51	0	53	48	W	1	1	W	10	fd	0.01	*
Portsmouth ...	30.23f		51	50		54	44	WNW	4	5	W	6	oc	–	3
Dover	30.21r	+.05	49	48	+2	55	45	W	2	4	WNW	7	bc	0.01	2
London ...	30.20s	+.04	48	46	−3	58	46	WSW	2	3	WNW	4	oc	–	*
Oxford... ...	30.18	.00	47	46	−3	52	46	W	1	2	W	7	oc	–	*
Cambridge ...	30.15f	+.01	45	44	0	56	45	SW	1	2	SW	4	c	–	*
Yarmouth ...	30.12f	+.01	47	46	+2	51	43	W	2	3	W	2	mb	0.02	2
Helder	30.03	+.03	48	*	+1	*	*	WSW	6	*	*	*	*	*	4
Cape Gris Nez...	30.21r	+.05	49	47	0	52	48	WSW	4	4	W	10	co	–	3
Brest	30.36f	−.04	48	48	−3	53	46	Z	0	4	WNW	10	f	0.04	4
L'Orient ...	30.33f	−.02	42	42	−8	55	40	Z	0	3	WNW	2	f	0.04	3
Rochefort ...	30.39f	−.03	52	43	+4	50	41	W	3	4	WNW	10	f	–	3
Biarritz ...	30.34f	−.10	37	37	−11	54	36	E	4	1	S	9	sm	–	?
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.28	+.07	50	*	+5	*	*	WSW	1	*	*	*	f	*	*
Charleville ...	30.30	+.07	46	*	+8	*	*	WSW	1	*	*	*	o	*	*
Paris	30.30f	+.02	48	?	−2	53	48	W	3	4	W	10	or	–	*
Lyons	?		47	*	+8	*	*	NW	?	*	*	*	f	*	*
Toulon... ...	30.02f	−.28	53	49	+17	59	36	ESE	1	4	NW	8	fo	–	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.80	42	38	NW	6	*	o	6
Thurso ...	29.76	44	43	SSE	2	9	o	2
Scarborough...	30.05	49	48	WSW	2	7	c	3
Greencastle ...	29.99	51	50	WSW	4	10	q	*
Holyhead ...	30.13	53	52	SW	3	6	c	2
Valencia ...	30.24	53	52	SW	3	9	m	4
Scilly ...	30.33	52	52	WSW	5	8	? w	6
London ...	30.19	54	52	W	3	7	c	*
Rochefort ...	30.46	48	46	WNW	3	7	c	3

The barometer has begun to fall again at Greencastle but has risen elsewhere. The winds show very little change at present but the weather is not at all settled. Warnings were issued to our W. and NW. coasts this morning.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

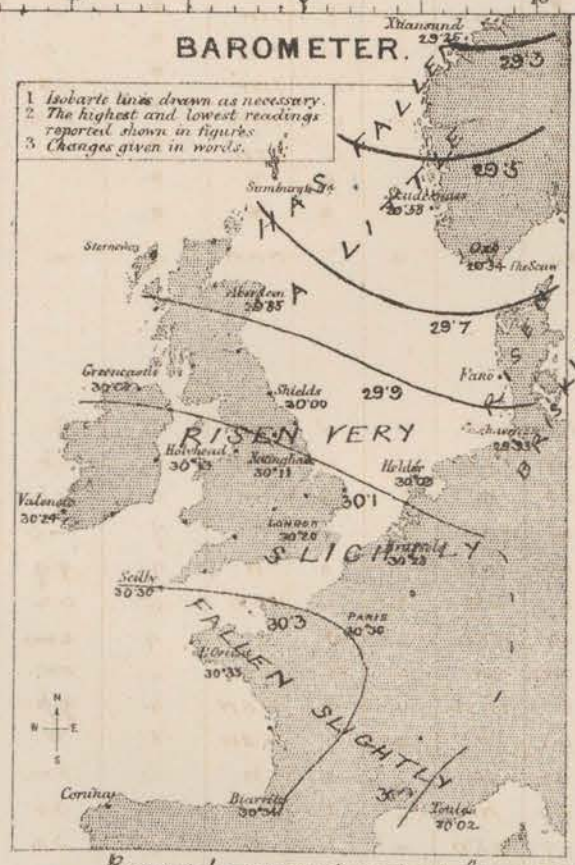
WEATHER CHARTS

AND REMARKS FOR

THURSDAY 18TH DECEMBER 1873 AT 8 A.M.

BAROMETER.

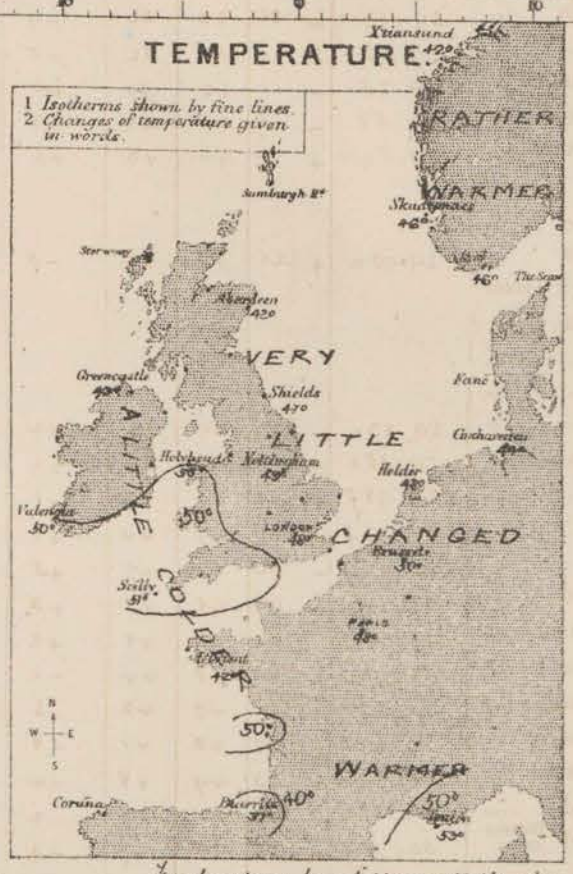
1. Isobaric lines drawn as necessary.
2. The highest and lowest readings reported shown in figures
3. Changes given in words.



Pressure has recovered against Greencastle, but a slight decrease has taken place in Norway and the north of our Islands, while the fall still continues in the west of France. In Denmark and the south of Norway, however, a rather brisk rise is reported. A depression has apparently travelled from the W.ward to the north west coast of Norway, and the gradient from Valencia to Christiansund is 0·055 in. per 50 miles.

TEMPERATURE.

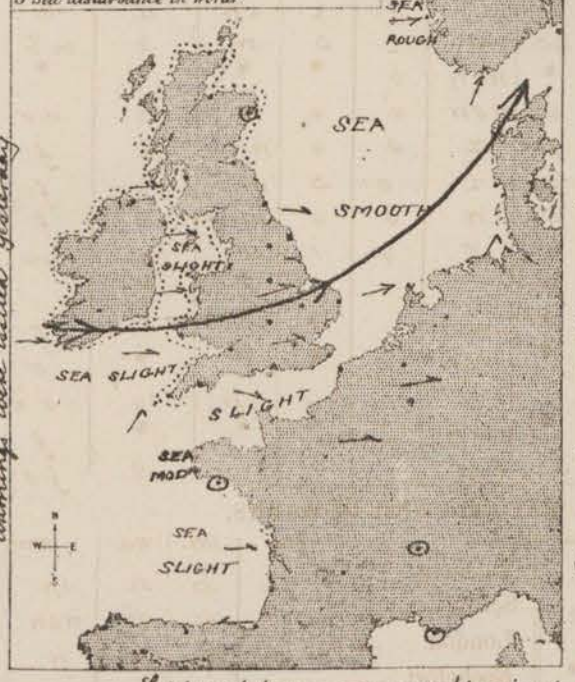
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.



Temperature has fallen a little in Ireland and the north west of France, but risen slightly in Norway. Elsewhere the changes have been very irregular.

WIND & SEA.

1. Arrows fly with the wind.
   Force 0 to 1 – ⊙ Force 8 to 10 – ⤇
   " 2 . 4 – → above 10 – ⤇⤇
   " 5 . 7 – →
2. Dark curved arrow shows apparent general motion of air
3. Sea disturbance in words



Note. A dotted line is drawn round those coasts to which warnings were issued yesterday.

Drums lowered this morning.

Light W.ly breezes are now blowing in all parts of our Islands, while fresh SW.ly winds are reported from the eastern shores of the North Sea, with a W.ly gale at Shudlenes. Calms prevail over the north of France.

The sea is smooth generally.

CLOUD, RAIN &c.

1. Prevalence of cloud, fog, rain &c. given in words.
2. Heavy falls of rain given in inches and tenths.

A little rain has fallen in some places, and continues at Holyhead and Scarboro'. The sky is clear in Scotland and the south-east of England, cloudy elsewhere, with much fog in the west of France.

Warnings were issued to our west and north coasts yesterday. Drums lowered this morning.

Subscriptions for these Charts payable in advance to cover delivery.
Delivery by hand 10/ per quarter
" " " by post 5/ per quarter.

Meteorological Office
116, Victoria Str.t, Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Fri - day 8 a.m. WEATHER REPORT. Dec: 19th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...	29.56	·00	21	20	−4	*	*	SE	4	4	SE	*	o	*	*
Hernösand ...	29.48	− ·12	19	19	−1	*	*	Z	0	2	?	*	b	*	*
Stockholm ...	29.60	− ·03	24	24	+1	*	*	SSW	2	?	ENE	*	o	*	*
Wisby	29.78	+ ·06	38	36	+5	*	*	W	4	?	?	*	b	*	*
Christiansund ...	29.30	+ ·05	39	38	−3	*	*	SW	6	10	SW	*	hr	*	6
Skudesnaes ...	29.67	+ ·09	45	43	−1	*	*	SSW	6	8	WSW	*	co	*	6
Oxö (X'tiansand)	29.77	+ ·23	44	42	−2	*	*	WSW	4	4	WNW	*	c	*	2
Skagen (The Skaw)						*	*			*	*	*		*	*
Fanö						*	*			*	*	*		*	*
Cuxhaven ...	30.06 a	+ ·13	36	36	−8	47	?	SW	2	4	NNW	9	of	0.03	?
Sumburgh Head															
Stornoway (Hebrides.)	29.53 f	− ·24	42	40	+2	45	37	W	4	6	WSW	10	tlp	0.14	5
Thurso... ...	29.49 f	− ·18	43	41	0	45	40	WSW	4	5	W	7	blw	0.05	3
Wick	29.55 f	− ·20	43	40	+3	44	39	W	5	5	NW	6	c	–	2
Nairn	29.61 f	− ·22	43	41	+2	45	?39	W	3	4	WNW	7	brc	0.08	2
Aberdeen ...	29.67 f	− ·18	38	36	−4	45	38	SSW	1	2	SW	1	b	–	1
Leith	29.79 f	− ·19	41	40	−3	48	40	W	3	3	W	2	b	–	*
Shields... ...	29.88 f	− ·12	43	42	−4	47	39	SSW	3	3	WSW	9	cm	–	2
York	29.95 f	− ·10	46	45	−4	50	35	S	1	2	SW	10	cq	–	*
Scarborough ...	29.92 f	− ·13	42	42	−6	48	39	WSW	2	2	W	10	bf	0.01	2
Nottingham ...	30.00 f	− ·11	47	46	−2	52	47	WSW	3	3	WNW	10	am	0.01	*
Ardrossan ...	29.84 f	− ·19	46	43	−2	49	45	SW	2	4	W	4	oc	0.01	2
Greencastle ...	29.84 f	− ·23	41	40	−2	45	39	WSW	4	5	WSW	6	oc	0.02	*
Donaghadee ...	29.91 f	− ·19	40	39	−3	46	35	SW	2	4	W	3	cb	–	2
Kingstown ...	29.96 f	− ·20	46	45	−3	51	45	SW	1	3	W	10	m	0.08	1
Holyhead ...	29.90 f	− ·23	50	49	0	51	46	SW	3	4	SW	7	rmg	0.11	2
Liverpool (Bidston Obs.)	29.94 f	− ·17	49	48	+1	50	43	SW	3	4	SW	10	oo	0.02	2
Valencia ...	29.99 f	− ·25	46	44	−4	54	43	W	1	2	SW	7	mc	0.28	2
Roche's Point ...	29.95 f	− ·27	50	49	0	54	49	WSW	3	3	SW	9	mo	0.04	3
Pembroke ...	30.00 f	− ·22	51	50	0	52	49	WSW	3	4	WSW	10	f	0.04	3
Portishead ...	30.03 f	− ·19	48	48	−2	53	46	WSW	3	4	WSW	10	og	0.01	3
Scilly	30.06 f	− ·24	50	50	−1	52	49	SSW	4	4	WSW	10	w	0.01	4
Plymouth ...	30.06 f	− ·21	50	50	−1	52	47	Z	0	1	W	10	f	0.01	*
Portsmouth ...															
Dover	30.12 f	− ·09	48	47	−1	53	47	SSW	4	3	W	10	bd	0.02	3
London ...	30.07 f	− ·13	49	47	+1	55	47	SW	2	4	WNW	10	o	–	*
Oxford... ...	30.04	− ·14	49	48	+2	54	47	SW	1	2	W	10	ow	–	*
Cambridge ...	30.05 f	− ·10	44	44	−1	53	43	SSW	1	2	WSW	10	o	0.02	*
Yarmouth ...	30.05 f	− ·07	47	47	0	52	44	SW	3	3	WNW	7	cw	0.01	2
Helder... ...	30.06	+ ·03	45	*	−3	*	*	SSW	3	*	*	*	*	*	2
Cape Gris Nez...	30.13 f	− ·08	47	47	−2	50	46	SW	4	4	W	10	ow	–	3
Brest	30.12 f	− ·24	44	44	−4	51	41	S	4	4	S	10	f	0.08	4
L'Orient ...	30.05 f	− ·28	39	39	−3	48	39	SE	3	3	E	10	f	–	3
Rochefort ...	30.12 f	− ·27	39	37	−13	52	38	W	4	6	W	10	w	–	3
Biarritz ...	30.14 f	− ·20	50	48	+13	?	37	W	5	4	E	10	fo	–	4
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.17	− ·11	48	*	−2	*	*	WSW	3	*	*	*	ro	*	*
Charleville ...	30.25	− ·05	43	*	−3	*	*	WNW	1	*	*	*	o	*	*
Paris	30.19 f	− ·11	44	?	−4	51	?	SE	4	4	WNW	10	o	–	*
Lyons	?		44	*	−3	*	*	WNW	1	*	*	*	r	*	
Toulon... ...	30.11 r	+ ·09	48	46	−5	55	45	?SSW	5	3	SE	9	fo	–	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.76	45	42	WSW	6	*	c	3
Thurso ...	29.73	43	41	WSW	4	6	c	4
Scarborough...	30.12	46	43	W	2	1	b	2
Greencastle ...	30.08	45	44	WSW	5	8	o	*
Holyhead ...	30.18	49	47	W	1	8	ow	1

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	30.21	52	49	WSW	2	8	q	2
Scilly ...	30.27	52	51	WSW	4	6	c	4
London ...	30.22	53	51	W	2	10	oo	*
Rochefort ...	30.39	46	44	W	3	10	f	3

A fall of the barometer is reported from Valencia and Scilly elsewhere the rise still continues. The wind has backed a little in the W. but is almost unchanged at our other stations. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

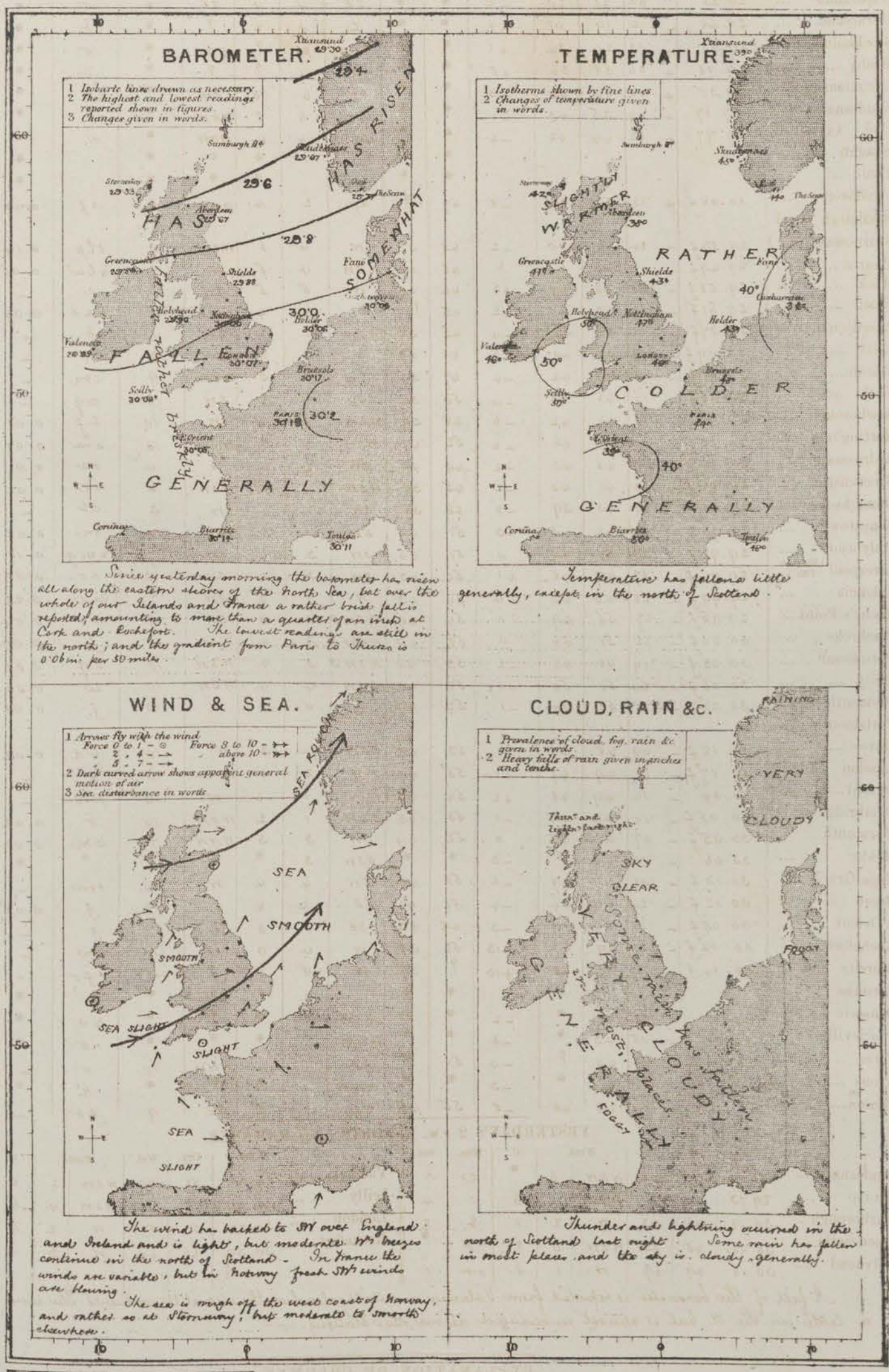
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

FRIDAY 19TH DECEMBER 1873 AT 8 A.M.



Since yesterday morning the barometer has risen all along the eastern shores of the North Sea, but over the whole of our Islands and France a rather brisk fall is reported, amounting to more than a quarter of an inch at Cork and Rochefort. The lowest readings are still in the north; and the gradient from Paris to Thurso is 0·06 in. per 50 miles.

Temperature has fallen little generally, except in the north of Scotland.

The wind has backed to SW over England and Ireland and is light, but moderate WNW breezes continue in the north of Scotland. In France the winds are variable, but in Norway fresh SW winds are blowing.

The sea is rough off the west coast of Norway, and rather so at Stornoway, but moderate to smooth elsewhere.

Thunder and lightning occurred in the north of Scotland last night. Some rain has fallen in most places, and the sky is cloudy generally.

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Delivery by hand 10/ per quarter
—— . —— . post 5/ per quarter.

Meteorological Office
116, Victoria Strt, Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Satur-day 8 a.m. **WEATHER REPORT.** Dec: 20th 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER Change since yesterday.	THERMOMETERS (In shade). At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	In past 24 hours. Min.	WIND. At 8 A.M. Direc.	At 8 A.M. Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.52	-.34	7	6	-14	*	*	SE	4	6	SE	*	o	*	*
Hernösand ...	29.32	-.16	21	20	+2	*	*	W	2	0	Z	*	c	*	*
Stockholm ...	29.46	-.14	37	35	+13	*	*	WSW	1	4	WSW	*	o	*	*
Wisby	29.63	-.15	39	38	+1	*	*	W	2	2	W	*	bc	*	*
Christiansund ...	29.17	-.13	41	36	+2	*	*	SW	6	6	SW	*	o	*	7
Skudesnaes ...	29.44	-.23	44	40	-1	*	*	W	6	6	WSW	*	c	*	4
Oxö (X'tiansand)	29.47	-.30	42	41	-2	*	*	WSW	4	6	SW	*	ob	*	3
Skagen (The Skaw)	29.55	-.22	41	40	-4	*	*	WSW	4	*	*	*	c	*	*
Fanö	29.67	-.26	43	42	0	*	*	W	4	*	*	*	ob	*	*
Cuxhaven ...	29.75f	-.31	45	45	+9	?	34	W	2	4	SW	9	mo	0.10	?
Sumburgh Head															
Stornoway (Hebrides.)	29.46f	-.07	36	35	-6	45	34	W	2	4	W	6	lps	0.36	4
Thurso... ...	29.37f	-.12	37	35	-6	44	35	SW	3	5	WSW	4	pc	0.16	4
Wick	29.43f	-.12	38	36	-5	43	34	SW	4	6	NW	7	cbo	0.03	1
Nairn	29.49f	-.12	39	38	-4	44	38	W	1	3	W	10	cd	0.05	1
Aberdeen ...	29.52f	-.15	36	34	-2	44	35	SSW	1	1	SSW	6	bc	–	1
Leith	29.62f	-.17	38	37	-3	43	39	W	3	3	W	8	bo	0.07	*
Shields... ...	29.72f	-.16	40	38	-3	45	39	SW	3	3	SW	4	mc	–	2
York	29.83f	-.12	42	41	-4	51	39	SW	1	1	S	9	g	0.03	*
Scarborough ...	29.79f	-.13	39	39	-8	48	38	WSW	2	2	WSW	6	gc	–	2
Nottingham ...	29.91f	-.09	34	33	-13	51	34	S	1	4	S	1	cf	0.02	*
Ardrossan ...	29.68f	-.16	45	43	-1	48	43	WSW	4	4	WSW	8	cr	0.11	3
Greencastle ...	29.73f	-.11	42	41	+1	45	40	W	4	4	W	8	co	0.16	*
Donaghadee ...	29.77f	-.14	39	38	-1	47	37	S	4	4	S	7	o	–	2
Kingstown ...	29.88r	-.08	45	42	-1	50	44	W	5	3	W	8	cg	0.01	3
Holyhead ...	29.85r	-.05	46	45	-4	52	45	SW	2	3	SW	6	c	0.18	2
Liverpool (Bidston Obs.)	29.87r	-.07	43	41	-6	50	42	WSW	3	4	SW	5	oc	0.21	2
Valencia ...	29.98r	-.01	47	45	+1	50	44	W	3	3	W	6	c	–	3
Roche's Point ...	29.97r	+.02	43	42	-7	53	40	NW	2	3	NW	3	b	–	2
Pembroke ...	29.95r	-.05	48	46	-3	51	46	WNW	3	3	WNW	4	ov	0.06	3
Portishead ...	29.96r	-.07	41	41	-7	50	34	W	2	3	SW	3	dw	0.22	1
Scilly	30.05r	-.01	48	47	-2	51	47	W	4	5	W	6	ofc	0.03	5
Plymouth ...	30.02r	-.04	43	43	-7	51	40	W	2	2	W	6	f	0.03	*
Portsmouth ...	30.01r		42	42		52	40	NW	1	3	SW	4	oc	–	1
Dover	29.92f	-.20	46	45	-2	49	44	WSW	3	4	SW	6	og	–	1
London ...	29.94r	-.13	41	40	-8	51	40	W	2	3	SW	2	opb	0.04	*
Oxford... ...	29.95	-.09	38	37	-11	50	38	WSW	1	2	SW	0	db	0.07	*
Cambridge ...	29.92r	-.13	40	39	-4	50	37	W	1	2	SW	1	ob	0.10	*
Yarmouth ...	29.90f	-.15	41	41	-6	50	39	W	2	3	SW	6	rf	0.11	2
Helder... ...	29.82	-.24	46	*	+1	*	*	W	2	*	*	*	*	*	2
Cape Gris Nez...	29.93f	-.20	47	47	0	48	42	W	3	4	SW	10	o	0.08	3
Brest	30.08r	-.04	48	46	+4	48	44	W	3	4	S	?	fo	0.08	4
L'Orient ...	30.01r	-.04	45	45	+6	47	39	Z	0	0	SE	8	fo	0.04	2
Rochefort ...	30.10r	-.02	48	44	+9	?	37	SW	3	4	SW	10	mr	0.16	3
Biarritz ...	30.17r	+.03	52	47	+2	55	49	SSW	3	5	SW	9	o	–	4
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.92	-.25	39	*	-9	*	*	SW	?	*	*	*	ro	*	*
Charleville ...	30.02	-.23	38	*	-5	*	*	WSW	1	*	*	*	o	*	*
Paris	30.01r	-.18	39	?	-5	49	38	SSE	3	4	SSE	10	o	–	*
Lyons	?		47	*	+3	*	*	NW	1	*	*	*	o	*	
Toulon... ...															

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.56	45	44	SW	6	*	o	5
Thurso ...	29.49	41	39	WSW	3	5	c	3
Scarborough...	29.83	48	47	WSW	2	10	g	2
Greencastle ...	29.79	45	44	WSW	4	3	b	*
Holyhead ...	29.87	48	47	WSW	1	7	d	1
Valencia ...	29.96	48	43	N	2	4	c	2
Scilly ...	29.96	51	50	WSW	3	8	o	5
London ...	29.99	50	48	SW	3	10	o	*
Rochefort ...	30.12	41	39	S	3	10	m	3

The fall of the barometer noticed this morning has ceased at Thurso, though it still continues at our other stations. The winds are unchanged, except at Scilly where it has veered to SW. with a rather rough sea.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

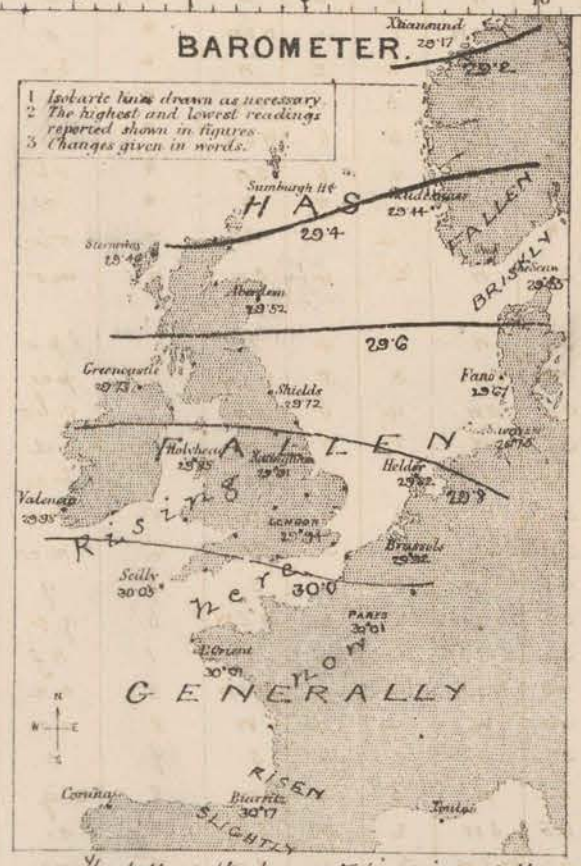
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

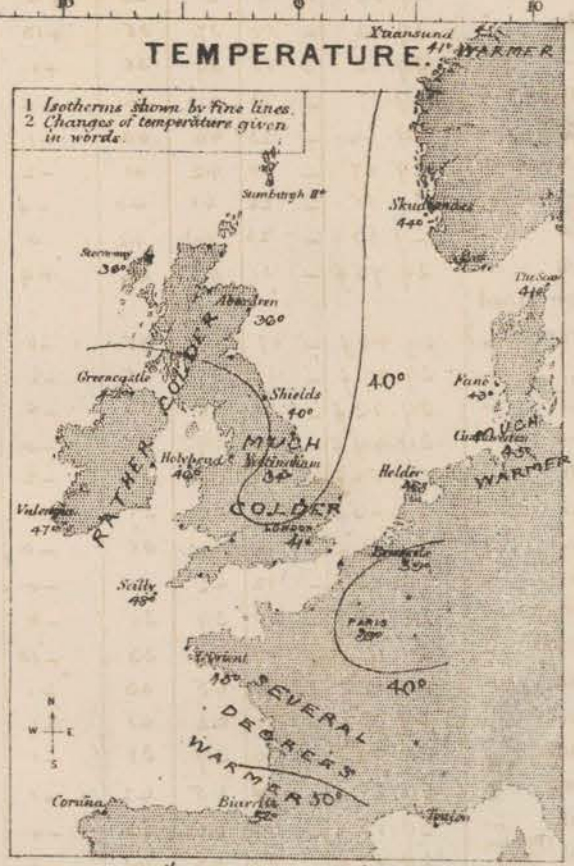
WEATHER CHARTS

AND REMARKS FOR

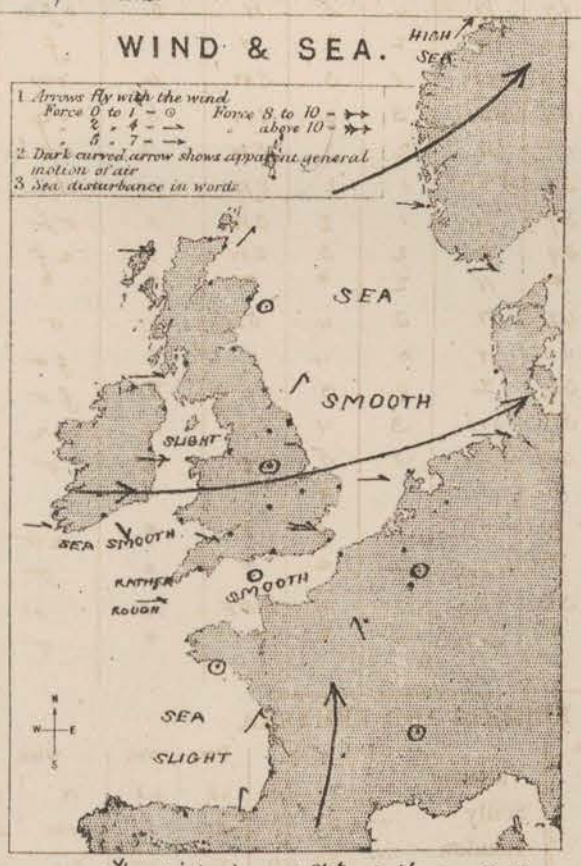
SATURDAY 20th DECEMBER 1873 AT 8 A.M.



The fall of the barometer noticed in the west yesterday morning has travelled quickly to the E^ward, and during the past night it has been most marked on the eastern shores of the North Sea, while a recovery has taken place on our south and south west coasts. The highest readings are still reported from the shores of the Bay of Biscay, and the gradient from Scilly to Thurso is 0·06in per 50 miles.

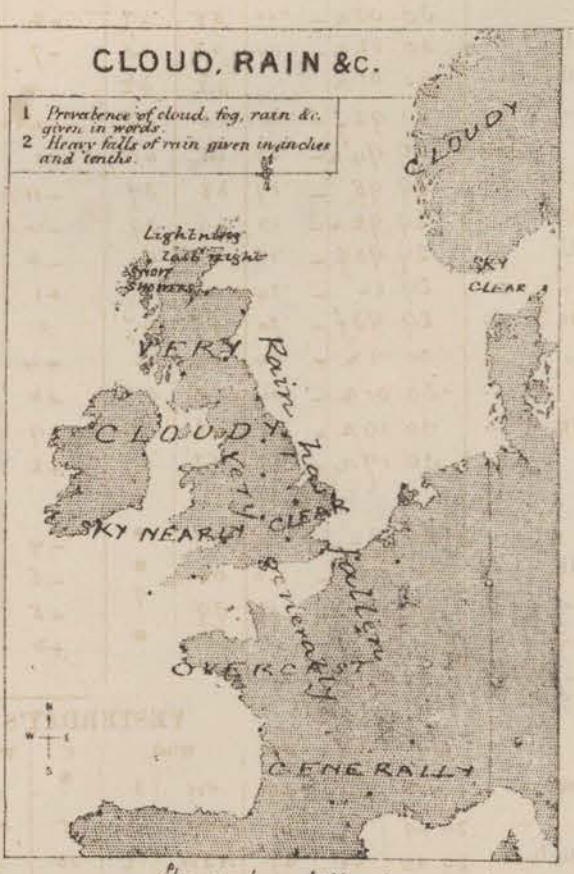


Temperature has fallen throughout G^t Britain and the north east of France, but has risen several degrees in the west of France and at Christiansund.



The wind is now S^ly in the north of Scotland and south west of France, but W^ly elsewhere. In force it is light or moderate everywhere.

The sea is high at Christiansund, moderate to smooth generally elsewhere.



Showers have fallen in several places, with snow and hail at Stornoway. Lightning has been seen in the north of Scotland. The sky is cloudy except over southern and central England.

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—— book post 5/ per quarter.

Meteorological Office
116, Victoria Str^t. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from December 14th to December 20th 1873.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During this week one of the severest storms has passed over the NW. of Europe which has been felt for some years. This disturbance which was accompanied by an exceedingly sudden and deep depression followed immediately on the breaking up of the anticyclone noticed last week, and was preceded by a sudden fall of the barometer in the NW. of our Islands and some freshening of the SW. wind during the night of the 14th. This preliminary fall of the mercury was checked during the morning of the 15th and it was not until the afternoon that it was resumed with any thing like rapidity even at Greencastle, when the centre advanced with great speed from the Wnd. The violence of the gale was felt chiefly in the N. counties during the 16th and in some cases the effects were very serious. After it had passed off we had a few minor oscillations of pressure, but the remainder of the week was quiet, ~~and~~ mild, and generally fine for the time of year. —

Dec: 14th The barometer continued to fall everywhere and the region of highest pressure became still less clearly defined. Readings were remarkably uniform over England, France and the Bay of Biscay. The winds continued light from E. in France, from S. on our N. coasts, and very light from W. in Scotland; but moderate to fresh Wly breezes were felt on the E. shores of the North Sea, and a fresh SW. gale at Christiansund. Temperature decreased somewhat. Dull cloudy weather was general but as yet the weather was dry.

Dec: 15th The decrease of pressure had become rapid in the NW. during the night (the total change in the 24 hours amounting to 0·7 in at Stornoway and Thurso) and a distinct acceleration of the barometric fall occurred in the S. of England also. The highest readings lay in a band stretching over N. and Central France. The winds became SWly except on the E. shores of the North Sea, and though they had attained the force of a gale at Stornoway for a few hours during the night, they were now moderate at all our stations. Fresh Wly breezes prevailed in Norway and Denmark, with a NW. gale at the Skaw, while NEly or Ely winds were reported from the SW. of France and N. of Spain. Temperature rose in the W. and S. but again fell at the most E. stations, and cloudy weather was general, with a little rain in the W. and N. During the morning the fall of the barometer ceased almost entirely in the W. and N. while it continued in the east, but in the afternoon a most rapid and serious fall commenced at Greencastle which travelled with great rapidity to all the N. stations, accompanied by fast increasing SWly winds. By night time a very severe gale had commenced over the N. of the Kingdom. —

Dec: 16th. The centre of a very deep depression with exceedingly steep gradients on its SW., S., and SE sides lay between the coasts of Scotland and Norway, to which position it had advanced rapidly from the Wnd. The barometer stood 1·25 in: lower at Studsmaes and 0·8 in: lower in the N. of Scotland than at 8 am on the previous day. The gradient from Greencastle to Wick was 0·20 in: and that from the Helder to Oxo 0·13 in: per 50 miles. Exceedingly heavy Wly or WNWly gales were then blowing on the greater part of our N. coasts, hard SWly gales in the S. of Norway and fresh SW. gales in Denmark and Holland; while moderate to fresh squally breezes were blowing from W. in the S. of Ireland and England. At Christiansund the wind was Ely. It is remarkable

how the violence of the wind varied in different localities. Thus while Leeds and Sheffield are reported to have felt almost the force of a hurricane and force 11 was reported from Stornoway Aberdeen and Shields, and while trees were blown down at Nottingham, nothing more than a fresh gale (force 8.) was experienced at Greenwich, Donaghadee, Liverpool, or even at York and Scarborough. Temperature rose very rapidly with this gale, — as much as 23° in the 24 hours at Nottingham, — and a little (but very little) rain fell generally, though the sky was very cloudy. During the day the storm passed off, the wind veering to NW. in the NE. as it did so. —

Dec: 17th — The recovery of pressure from yesterday's disturbance had been as rapid as its previous decrease amounting to upwards of an inch in the 24 hours at both Skudesnaes and Wick, while at the S^rn stations the change was, of course, very much slighter. NW^ly gales still held on the E^rn shores of the North Sea, light W^ly breezes were felt over France and the United Kingdom, backing to SW. in the N of Ireland. At Corunna the wind was NE^ly. Temperature fell fast in England and slightly in Ireland, but rose several degrees in the NE. of France; The weather, though still very cloudy, with fogs in the N. of France and on our SW. coasts, became quieter, and a little rain fell in most places. During the morning a ~~slight~~ fresh fall of the barometer occurred in the NW. which however proved to be slight on our coasts. —

Dec: 18th Barometrical readings in our Islands showed little change from those reported on the 17th but in Denmark the recovery had continued. In the N. of Norway, however, the barometer had fallen, as well as in the N. of Spain. Westerly breezes of little strength were again reported in our Islands and calms in the N of France, but fresh SW^ly breezes blew in Denmark and Norway with a W^ly gale at Skudesnaes. Temperature changed little and irregularly. The sky became clear in Scotland while it was generally cloudy elsewhere (especially in the N.) and fogs continued in the SW. During the day rain fell except in the E, and in the evening thunder and lightning occurred in the N. of Scotland. —

Dec: 19th — A recovery of pressure had taken place over the E^rn shores of the North Sea accompanied by a very general decrease over the United Kingdom and France, and for a while the highest readings were found in the E. of France. The wind backed to the SW^ly in most places but continued light. Temperature rose a little in Scotland and the N. of Spain but fell a few degrees at the French stations. The weather continued cloudy, with slight showers generally and lightning was again seen at Stornoway in the evening. —

Dec: 20th. — The fall of the mercury noticed yesterday had travelled E^wd. and during the night a recovery had commenced in the SW. The wind veered to W. again and remained very light. Temperature rose in the N. of France but fell everywhere else, and the sky became considerably clearer than of late, but rain fell in the N. and thunderstorms were experienced in the N. of Scotland. —

Meteorological Office
116, Victoria Str^t. Westminster. S.W.
ROBERT H. SCOTT, Director.

Sun-day 8 a.m. **WEATHER REPORT.** Dec: 21st 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...	29.49	-.03	9	9	+2	*	*	SE	4	2	NE	*	o	*	*
Hernösand ...	29.28	-.04	29	29	+8	*	*	SE	4	?	?	*	o	*	*
Stockholm ...	29.13	-.03	33	33	-4	*	*	SSW	2	2	SW	*	bc	*	*
Wisby	29.47	-.16	39	38	0	*	*	WNW	4	4	SW	*	co	*	*
Christiansund ...	29.32	-.15	36	34	-5	*	*	SW	4	4	SW	*	r	*	6
Skudesnaes ...	29.44	.00	42	37	-2	*	*	W	8	6	WSW	*	oc	*	4
Oxö (X'tiansand)	29.39	-.08	41	39	-1	*	*	WSW	6	6	WSW	*	c	*	4
Skagen (The Skaw)	29.42	-.13	42	40	+1	*	*	NW	6	*	*	*	r	*	*
Fanö	29.63	-.04	45	44	+2	*	*	W	6	*	*	*	c	*	*
Cuxhaven ...	29.78r	-.03	44	44	+1	?	40	WSW	6	4	WSW	9	o	–	
Sumburgh Head															
Stornoway (Hebrides.)	29.41f	-.05	48	46	+12	48	34	SW	7	7	SW	10	pld	0.40	6
Thurso	29.42r	+.05	46	45	+9	46	34	SSW	3	5	SW	9	pto	0.61	3
Wick	29.39r	-.04	39	38	+1	46	35	SW	3	4	SW	?	cto	0.18	1
Nairn	29.52	+.03	47	43	+8	47	38	WSW	2	4	W	6	rc	0.20	2
Aberdeen ...	29.60r	+.08	46	43	+10	50	36	SSW	2	2	SSW	7	c	–	1
Leith	29.74r	+.12	50	49	+12	51	39	W	3	3	W	8	o	0.06	*
Shields	29.84r	+.12	48	45	+8	48	39	WSW	5	6	W	6	c	0.01	2
York	29.95r	+.12	47	45	+5	49	41	W	2	4	W	3	cb	0.04	*
Scarborough ...	29.89r	+.10	46	45	+7	46	39	WSW	3	3	WSW	9	co	–	3
Nottingham ...	30.04r	+.13	44	43	+10	48	?	SW	5	5	S	4	c	0.01	*
Ardrossan ...	29.76r	+.08	50	47	+5	52	43	WSW	6	6	WSW	6	p	0.22	5
Greencastle ...	29.80r	+.07	48	47	+6	48	40	SW	6	6	SW	5	og	0.11	*
Donaghadee ...	29.88r	+.11	47	46	+8	48	39	W	5	5	W	6	c	–	3
Kingstown ...	30.01r	+.13	50	46	+5	51	44	WSW	3	6	W	9	o	–	3
Holyhead ...	29.99r	+.14	49	48	+3	51	46	SW	4	5	WSW	7	cm	–	3
Liverpool (Bidston Obs.)	30.02r	+.15	50	47	+7	50	43	SSW	2	7	WSW	9	co	–	2
Valencia ...	30.08r	+.10	52	50	+5	53	45	WSW	4	4	W	6	c	–	4
Roche's Point ...	30.12r	+.15	46	45	+3	52	42	W	4	4	W	7	c	0.02	3
Pembroke ...	30.13r	+.18	51	48	+3	51	48	W	6	6	W	10	co	0.02	4
Portishead ...	30.12r	+.16	49	48	+8	52	38	WSW	4	6	W	8	q	–	4
Scilly	30.24r	+.19	51	50	+3	51	47	WSW	4	5	W	7	c	–	5
Plymouth ...	30.20r	+.18	48	48	+5	50	40	W	2	2	W	10	cf	–	*
Portsmouth ...	30.22r	+.21	49	48	+7	49	41	W	3	3	NW	7	c	0.02	3
Dover	30.13r	+.21	43	42	-3	47	41	SW	3	4	WSW	3	b	–	2
London ...	30.14r	+.20	46	44	+5	49	39	WSW	3	3	SW	4	bc	–	*
Oxford	30.15	+.20	44	43	+6	47	38	SW	1	3	WSW	7	c	–	*
Cambridge ...	30.09r	+.17	40	38	0	50	37	SW	1	3	SW	7	c	–	*
Yarmouth ...	30.06r	+.16	44	43	+3	46	39	W	3	4	WSW	3	bm	–	2
Helder				*		*	*			*	*	*	*	*	
Cape Gris Nez ...	30.14r	+.21	47	45	0	49	45	W	4	3	W	8	o	–	3
Brest	30.31r	+.23	51	49	+3	53	45	WNW	4	4	W	9	o	–	3
L'Orient ...	30.26r	+.25	45	45	0	53	42	W	1	1	NW	8	bo	–	2
Rochefort ...	30.34r	+.24	37	35	-11	52	34	WNW	3	3	NW	10	of	–	3
Biarritz ...	30.30r	+.13	49	47	-3	52	46	W	1	5	SW	10	r	1.26	5
Corunna ...	30.32	+.12	54	*	+6	*	*	E	?	*	*	*	r	*	*
Brussels ...	30.14	+.22	41	*	+2	*	*	SW	3	*	*	*	r o	*	*
Charleville ...	30.22	+.20	40	*	+2	*	*	WSW	1	*	*	*	o	*	*
Paris	30.27r	+.26	42	?	+3	46	39	WSW	1	?	?	10	o	–	*
Lyons	?		50	*	+3	*	*	NE	3	*	*	*	o	*	*
Toulon	30.06r	-.06	44	42	-6	49	42	NW	4	3	SW	3	ob	–	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind		C.	Wea.	Sea.
Skudesnaes ...	29.46	42	40	WSW	6	*	c	5
Thurso ...	29.37	37	36	SW	4	8	q	4
Scarborough ...	29.75	44	41	WSW	3	6	c	3
Greencastle ...	29.70	44	43	? WSW	4	9	o	*
Holyhead ...	29.86	48	46	WSW	4	4	c	3

	Bar.	Dry.	Wet.	Wind		C.	Wea.	Sea.
Valencia ...	30.00	52	50	W	4	6	c	[illegible]
Scilly ...	30.10	50	49	W	5	5	c	[illegible]
London ...	29.97	48	44	W	2	3	bc	3
Rochefort ...	30.12	49	48	NW	3	10	o	

The barometer continues to rise slowly in the S. and SW.— The wind has veered to NW. at Rochefort but remains unchanged elsewhere.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet ground. * AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

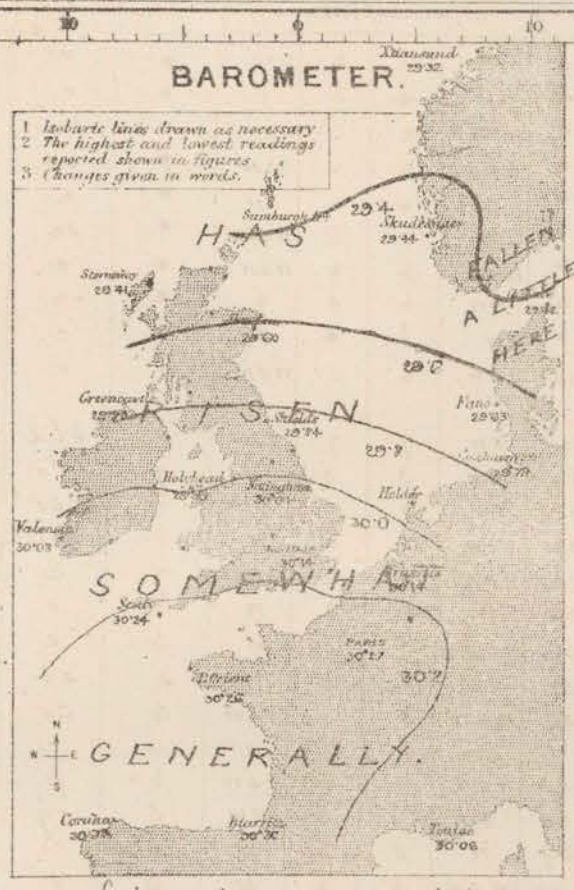
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

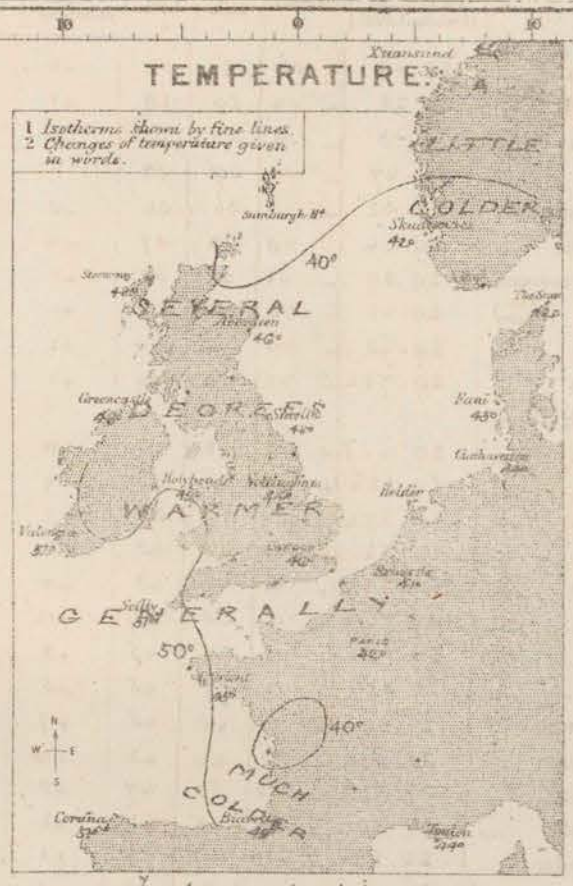
SUNDAY 21st DECEMBER 1873 AT 8 A.M.

BAROMETER.



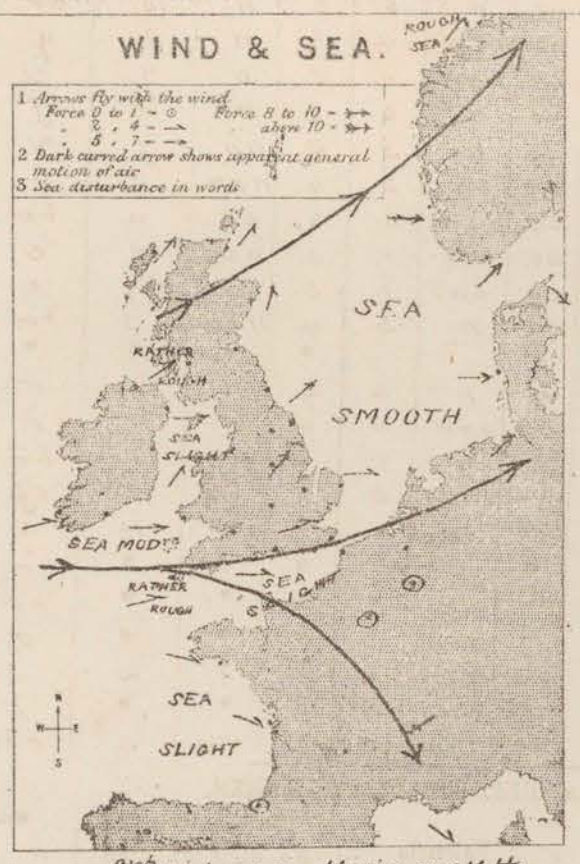
Since yesterday morning the barometer has risen at all but the Danish stations — most in France and the south of our Islands, but a slight fall has taken place at Stornoway in the night. Pressure is still least in the north and the gradient from Scilly to Thurso is 0·075 in per 50 miles.

TEMPERATURE.



Temperature has fallen slightly in Denmark but risen several degrees in many parts of our Islands and to a less extent at most of the French stations.

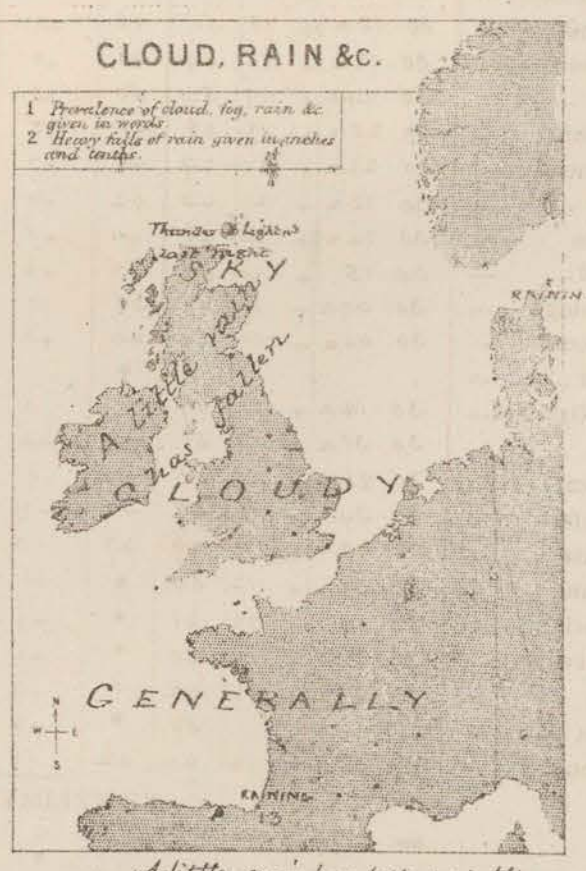
WIND & SEA.



SW^r winds are now blowing on all the northern coasts; they are light in the east of Scotland, but strong at the more western stations and in Norway. The moderate W^r breeze continues in the south of our Islands, drawing round to WNW or NW in France.

The sea is rough at Stornoway, rather so at Aberdeen and Scilly, moderate to smooth elsewhere.

CLOUD, RAIN &c.



A little rain has fallen in the west and north. Thunder and lightning are again reported from the extreme north of Scotland. The sky is cloudy generally.

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" " book post 5/ per quarter

Meteorological Office
116, Victoria Str^t. Westminster. S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Mon- day 8 a.m. **WEATHER REPORT.** Dec: 22nd 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.63	+ .14	13	13	+4	*	*	NE	1	2	NE	*	o	*	*
Hernösand ...	29.47	+ .19	29	28	0	*	*	E	4	2	ENE	*	s	*	*
Stockholm ...	29.57	+ .44	28	28	-5	*	*	S	2	4	NW	*	of	*	*
Wisby	29.74	+ .27	33	32	-6	*	*	S	2	6	SW	*	c	*	*
Christiansund ...	28.95	- .37	36	35	0	*	*	SE	6	4	ESE	*	ow	*	5
Skudesnaes ...	29.25	- .19	44	41	+2	*	*	WSW	8	6	SSW	*	ro	*	8
Oxö (Christiansand)	29.39	.00	46	44	+5	*	*	WSW	8	4	WSW	*	r	*	6
Skagen (The Skaw)	29.57	+ .15	46	45	+4	*	*	WSW	6	*	*	*	r	*	*
Fanö	29.70	+ .07	47	46	+2	*	*	W	6	*	*	*	o	*	*
Cuxhaven ...	29.89f	+ .11	45	44	+1	?	41	WSW	6	7	W	7	o	-	?
Sumburgh Head															
Stornoway (Hebrides)	29.38r	- .03	37	35	-11	50	35	W	6	8	SW	7	plb	0.24	6
Thurso... ...	29.23r	- .19	40	36	-6	50	37	WSW	7	8	SW	7	pqb	0.18	5
Wick	29.29r	- .10	38	35	-1	49	34	W	6	8	W	6	p	0.10	2
Nairn	29.44r	- .08	37	36	-10	50	36	SW	3	7	WSW	4	or	0.22	2
Aberdeen ...	29.46r	- .14	37	36	-9	52	37	W	2	9	SW	10	crm	0.01	2
Leith	29.60s	- .14	40	38	-10	52	39	W	5	8	W	7	ar	0.12	*
Shields... ...	29.73f	- .11	42	39	-5	50	42	WSW	5	8	WNW	3	cq	0.03	2
York	29.84f	- .11	43	40	-4	51	42	WSW	1	4	SW	5	c	0.01	*
Scarborough ...	29.78f	- .11	40	39	-6	48	41	W	4	7	WSW	3	ob	-	2
Nottingham ...	29.96f	- .08	43	42	-1	50	43	W	4	6	SSE	6	cw	0.06	*
Ardrossan ...	29.65r	- .11	45	41	-5	51	42	WSW	5	7	SW	5	cq	0.16	4
Greencastle ...	29.76r	- .04	40	38	-8	49	39	W	6	8	WSW	5	-c	0.35	3
Donaghadee ...	29.77r	- .11	39	37	-8	50	39	W	7	8	WSW	3	cb	0.02	4
Kingstown ...	29.93r	- .08	43	40	-7	53	42	W	5	7	W	8	co	0.07	4
Holyhead ...	29.91r	- .08	?45	?43	-4	52	45	WSW	4	5	SW	7	rc	0.09	4
Liverpool (Bidston Obs.)	29.89f	- .13	44	42	-6	52	42	WNW	4	6	SW	?	o	0.03	3
Valencia ...	30.09r	+ .01	47	44	-5	52	44	WNW	5	6	WNW	6	rp	0.12	5
Roche's Point ...	30.04r	- .08	43	42	-3	52	42	WNW	3	5	WSW	7	rc	0.06	3
Pembroke ...	30.04f	- .09	47	45	-4	52	46	WNW	4	7	W	10	qsw	0.05	4
Portishead ...	30.01f	- .11	48	47	-1	51	45	WSW	5	6	W	10	qw	0.02	4
Scilly	30.14f	- .10	50	50	-1	52	49	WSW	6	6	WSW	8	co	0.01	6
Plymouth ...	30.13f	- .07	49	49	+1	52	46	SW	4	4	SW	10	m	0.01	*
Portsmouth ...	30.11f	- .11	50	48	+1	51	45	W	5	5	W	9	o	-	4
Dover	30.09f	- .04	48	47	+5	49	41	WSW	4	4	W	7	bw	0.02	3
London ...	30.05f	- .09	48	45	+2	53	45	WSW	4	6	WSW	3	oqc	-	*
Oxford... ...	30.02	- .13	48	45	+4	50	44	SW	3	4	WSW	10	o	-	*
Cambridge ...	29.98f	- .11	46	44	+6	50	39	SW	4	5	SW	5	c	-	*
Yarmouth ...	29.94f	- .12	46	45	+2	49	43	SW	4	5	SW	5	bc	-	2
Helder... ...	29.94		48.	*		*	*	SW	6	*	*	*	*	*	4
Cape Gris Nez...	30.11f	- .03	47	45	0	50	45	WSW	5	5	WSW	10	o	-	4
Brest	30.26f	- .05	50	50	-1	55	44	W	4	4	W	2	b	-	3
L'Orient ...	30.25f	- .01	45	45	0	56	44	SW	1	1	E	5	mc	-	1
Rochefort ...	30.34f	.00	41	39	+4	46	37	N	3	3	SE	10	fo	-	3
Biarritz ...	30.29f	- .01	39	39	-10	52	37	E	1	3	NE	9	o	-	5
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	?		48	*	+7	*	*	WSW	3	*	*	*	o	*	*
Charleville ...			42	*	+2	*	*	SW	3	*	*	*	o	*	*
Paris	30.28f	+ .01	43	?	+1	?	42	S	3	4	W	10	o	-	*
Lyons	?		45	*	-5	*	*	NE	1	*	*	*	o	*	*
Toulon... ...	30.19r	+ .13	48	46	+4	55	44	NE	5	4	NW	9	bo	-	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry.	Wet.	Wind		C.	Wea.	Sea.
Skudesnaes ...	29.57	42	40	SSE	4	*	r	5
Thurso ...								
Scarborough...								
Greencastle ...								*
Holyhead ...								

	Bar.	Dry.	Wet.	Wind		C	Wea
Valencia ...							
Scilly ...							
London ...							
Rochefort ...	30.38	43	41	SE	3	10	r

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet; [illegible]

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is as observed at 8 p.m.

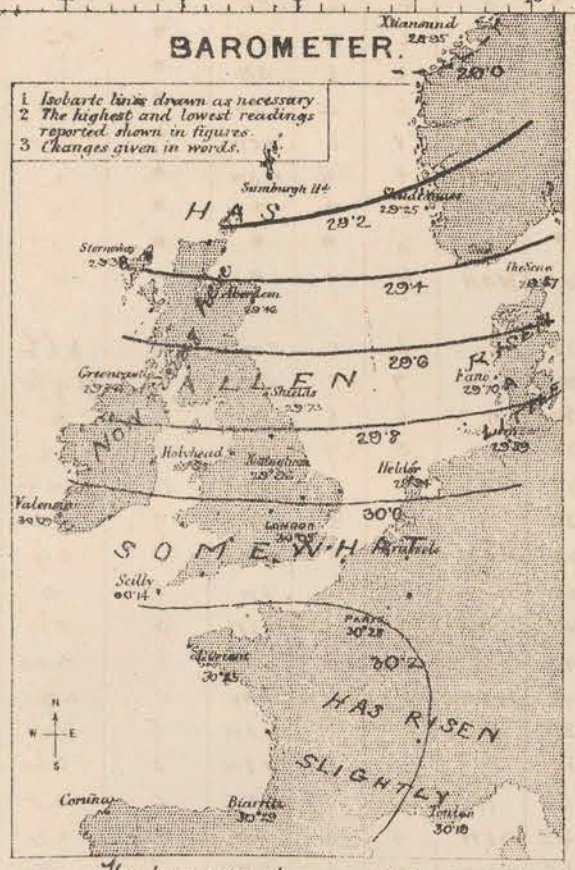
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

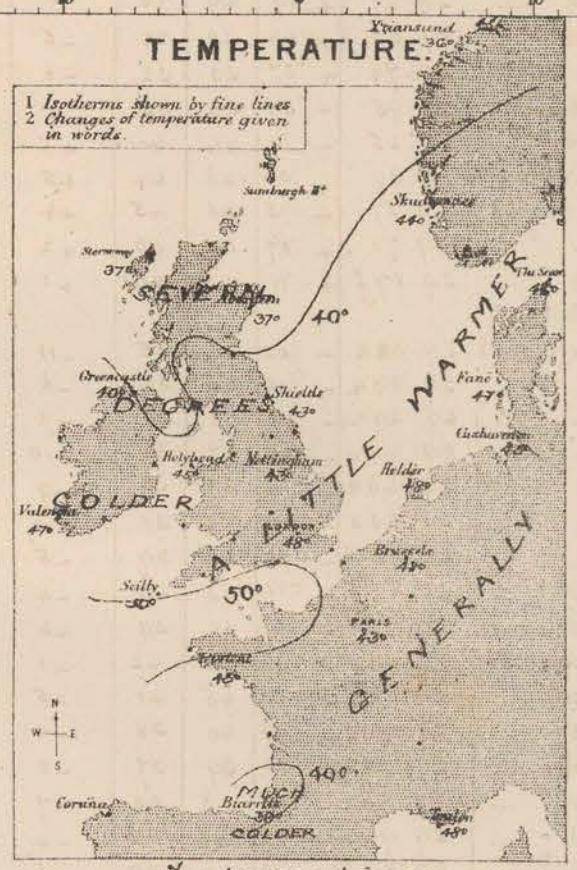
MONDAY 22ND DECEMBER 1873 AT 8 A.M.

BAROMETER.



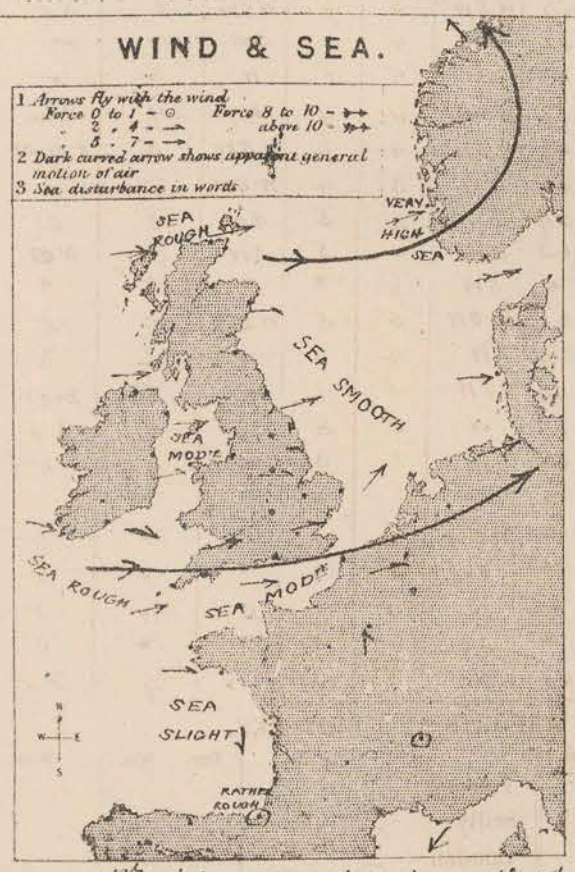
The barometer has now fallen again almost but the French and Danish stations — most in the north. The highest readings are still found over the southern parts of the Bay of Biscay; and while the gradient from Rochefort to Andoman is 0·06in. that from Andoman to Thurso is 0·12in. per 50 miles.

TEMPERATURE.



Temperature has fallen several degrees in the west and north of our Islands, but risen a little in most parts of France and on the eastern shores of the North Sea.

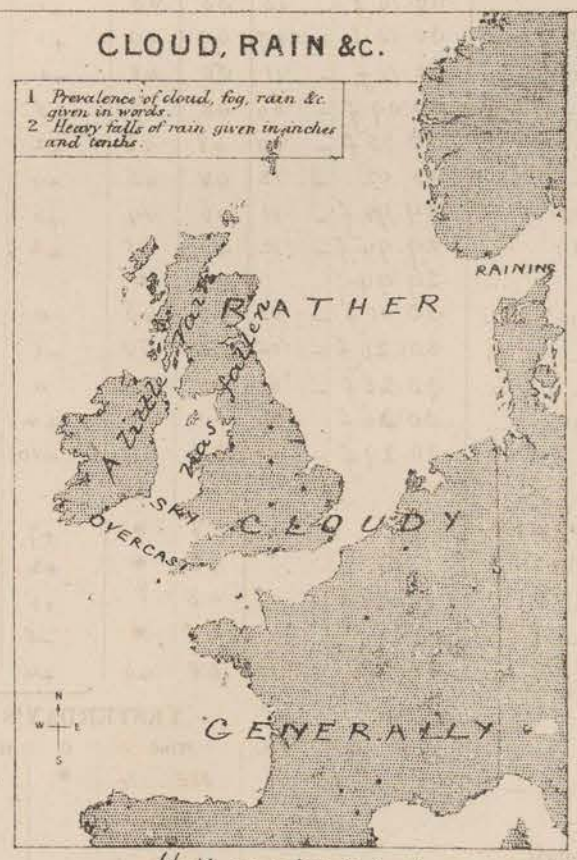
WIND & SEA.



W^n winds are general, and are rather fresh over the United Kingdom. A fresh gale was felt on our northern coasts yesterday, and is reported from the south of Norway this morning.

The sea is high on the Norwegian coasts, rather rough at our south western stations, moderate elsewhere.

CLOUD, RAIN &c.



Hail and lightning have occurred in the north of Scotland. Some rain has fallen in most places. Aurora was seen in London last night. The sky is overcast in the south west, but less cloudy elsewhere.

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" " book post 5/ per quarter

Meteorological Office
116, Victoria Str^t, Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Tues-day 8 a.m. WEATHER REPORT. Dec: 23rd 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER Change since yesterday.	THERMOMETERS (In shade). At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	In past 24 hours. Min.	WIND At 8 A.M. Direc.	At 8 A.M. Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Extreme. Direc	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 9.
Haparanda ...	29.32	-.31	8	8	-5	*	*	NE	10	6	SE	*	o	*	*
Hernösand ...	29.00	-.47	27	26	-2	*	*	Z	0	0	Z	*	o	*	*
Stockholm ...	29.11	-.46	36	32	+7	*	*	NSW	4	6	NSW	*	c	*	*
Wisby	29.41	-.33	38	36	+5	*	*	NW	8	?	?	*	c	*	*
Christiansund ...	28.89	-.06	40	39	+4	*	*	SSW	8	4	SSW	*	or	*	6
Skudesnaes ...	29.31	+.06	42	40	-2	*	*	W	10	10	NNW	*	o	*	8
Oxö (X'tiansand)	29.38	-.01	40	37	-6	*	*	NSW	8	6	NSW	*	fc	*	6
Skagen (The Skaw)	29.35	-.22	40	39	-6	*	*	NW	10	*	*	*	c	*	*
Fanö	29.66	-.04	40	37	-7	*	*	W	8	*	*	*	c	*	*
Cuxhaven ...	29.79 f	-.10	40	39	-5	46	?	NNW	6	6	NSW	9	om	0.08	?
Sumburgh Head															
Stornoway (Hebrides.)	29.72 r	+.24	35	34	-2	41	32	SW	1	6	W	10	sq	0.25	4
Thurso... ...	29.62 r	+.39	38	35	-2	41	33	W	2	8	NSW	7	sc	0.46	4
Wick															
Nairn	29.74 r	+.30	36	35	-1	39	34	W	2	3	SW	10	rso	0.21	2
Aberdeen ...	29.72 r	+.26	38	35	+1	41	35	NSW	1	6	W	10	csq	0.01	1
Leith	29.79 r	+.19	41	40	+1	43	34	W	2	5	W	8	bsr	0.15	*
Shields... ...	29.89 r	+.16	44	43	+1	44	40	SW	4	6	W	9	bw	0.01	?
York	29.99 r	+.15	45	42	+2	47	40	W	2	4	W	10	co	–	*
Scarborough ...	29.94 r	+.16	41	39	+1	45	38	W	3	4	W	10	bo	–	2
Nottingham ...	30.11 r	+.15	41	39	-2	45	36	NSW	3	4	W	10	cm	–	*
Ardrossan ...	29.84 r	+.19	48	45	+3	48	42	SW	4	7	W	8	qso	0.17	4
Greencastle ...	29.87 f	+.11	45	45	+5	45	38	WSW	5	7	W	10	cr	0.18	*
Donaghadee ...	29.92 s	+.15	44	43	+5	45	38	SSW	4	7	W	8	c	–	3
Kingstown ...	30.06 s	+.13	46	43	+3	47	42	W	4	5	W	9	co	–	3
Holyhead ...	30.04 r	+.12	47	45	? +2	48	44	SW	3	5	W	7	c	–	3
Liverpool (Bidston Obs.)	30.07 r	+.12	44	41	0	46	41	SW	3	6	WSW	9	co	–	2
Valencia ...	30.13 f	+.04	50	49	+3	52	44	SW	5	5	SW	9	pmv	0.04	5
Roche's Point ...	30.12 f	+.08	49	48	+6	52	40	WSW	4	4	WSW	9	bo	–	3
Pembroke ...	30.16 r	+.12	49	46	+2	49	46	WSW	5	5	WNW	10	co	–	5
Portishead ...	30.19 r	+.18	44	42	-4	50	37	WSW	3	5	W	10	co	0.01	2
Scilly	30.28 r	+.14	48	46	-2	51	46	WSW	5	6	WSW	7	or	0.05	5
Plymouth ...	30.26 r	+.13	39	39	-10	52	37	? SW	1	5	SW	10	mf	0.01	*
Portsmouth ...	30.24 r	+.13	44	43	-6	51	39	W	2	6	W	8	o	0.02	1
Dover	30.19 r	+.10	40	39	-8	50	37	SW	3	4	W	4	bc	0.03	2
London ...	30.19 r	+.14	41	39	-7	52	34	WSW	2	3	WSW	9	rbo	0.03	*
Oxford... ...	30.18	+.16	39	38	-9	48	35	SW	1	4	W	10	co	–	*
Cambridge ...	30.13 r	+.15	40	38	-6	49	35	SW	2	2	SW	? 10	co	–	*
Yarmouth ...	30.10 r	+.16	39	38	-7	48	35	WSW	3	4	WSW	6	cm	0.04	2
Helder... ...	29.98	+.04	45	*	-3	*	*	W	7	*	*	*	*	*	4
Cape Gris Nez...	30.19 r	+.08	44	40	-3	50	43	WNW	4	7	WSW	5	rc	0.12	3
Brest	30.34 r	+.08	49	47	-1	53	46	WNW	3	5	WSW	10	bo	0.12	4
L'Orient ...	30.30 r	+.05	46	46	+1	57	44	Z	0	3	WNW	8	cf	–	2
Rochefort ...	30.41 r	+.07	45	41	+4	48	39	? S	5	3	W	10	o	–	3
Biarritz ...	30.43 r	+.14	42	38	+3	46	39	SE	1	3	E	9	o	–	5
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.14		39	*	-9	*	*	SW	3	*	*	*	c	*	*
Charleville ...	?		39	*	-3	*	*	SW	1	*	*	*	c	*	*
Paris	30.29	+.01	44	?	+1	46	43	SW	1	5	W	9	o	–	*
Lyons	?		41	*	-4	*	*	SE	1	*	*	*	f	*	
Toulon... ...															

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.28	40	37	W	10	*	o	8
Thurso ...	29.36	36	35	NSW	6	8	qsp	5
Scarborough...	29.81	43	40	W	4	3	b	3
Greencastle ...	29.85	42	40	W	7	4	c	*
Holyhead ...	30.01	46	44	W	5	4	c	5

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...	30.17	47	45	NNW	4	7	p	4
Scilly ...	30.20	49	47	NW	5	8	fo	6
London ...	30.09	48	45	WSW	2	10	ro	*
Rochefort ...	30.34	46	39	SE	1	10	o	3

The barometer has risen at all stations, especially in the N., and the wind has veered to NW. at Scilly. Showers of rain are reported from Valencia, and snow at Thurso. The sea is rather rough on our N. and NW. coasts.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strong wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightni m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, d

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observa taken at 8 p.m.

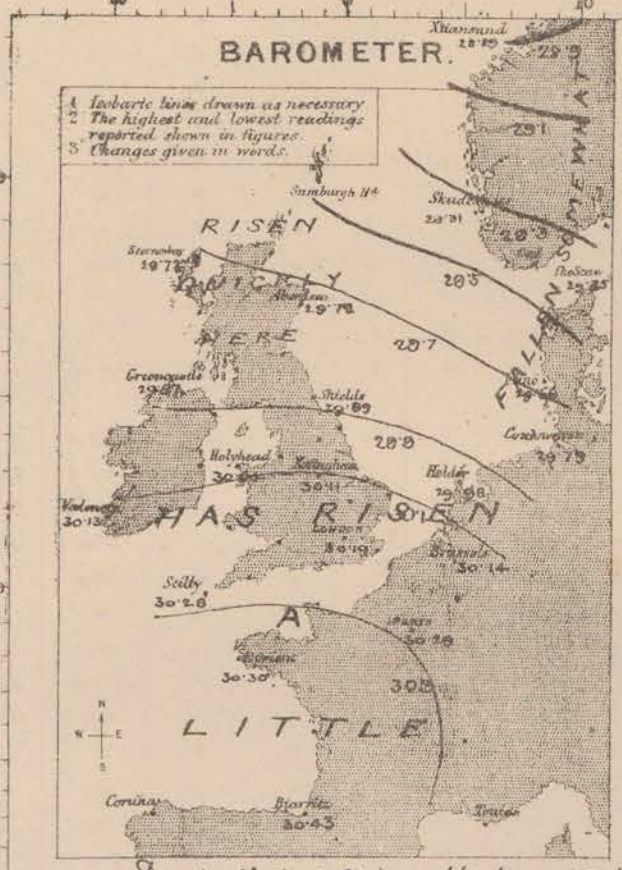
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

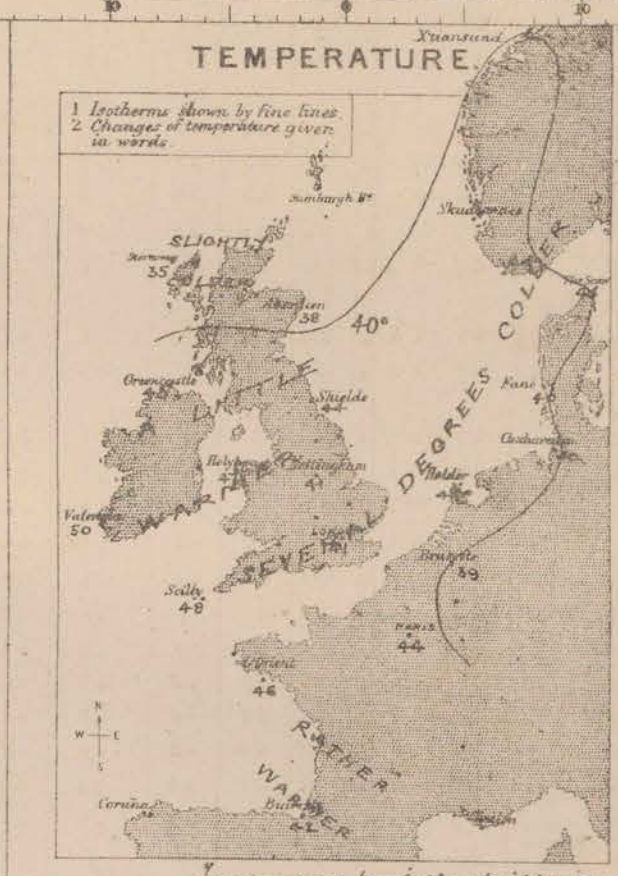
TUESDAY 23RD DECR 1873 AT 8 A.M.

BAROMETER.



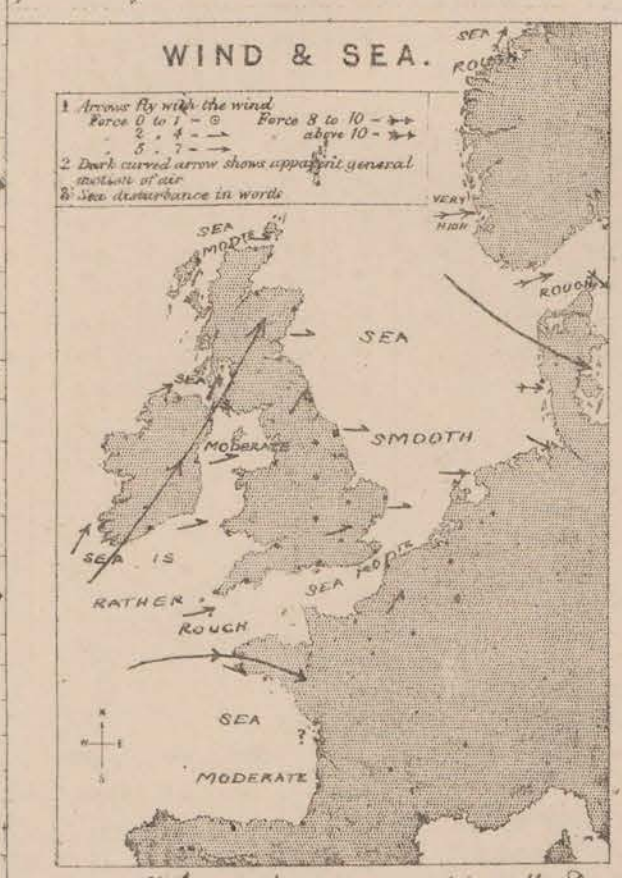
During the past 24 hours the barometer has risen throughout our Islands and France, while the fall noticed here yesterday is now felt in Denmark and Holland. The rise has been greatest in Scotland. During the night, however, a fresh fall has commenced in Ireland. Readings are still highest over the Bay of Biscay, and the gradient from Brest to Ardrossan is 0·05 in. per 50 miles.

TEMPERATURE.



Temperature has fallen briskly in Denmark, the Netherlands and the south of England. In London a slight frost occurred on the grass during the night.

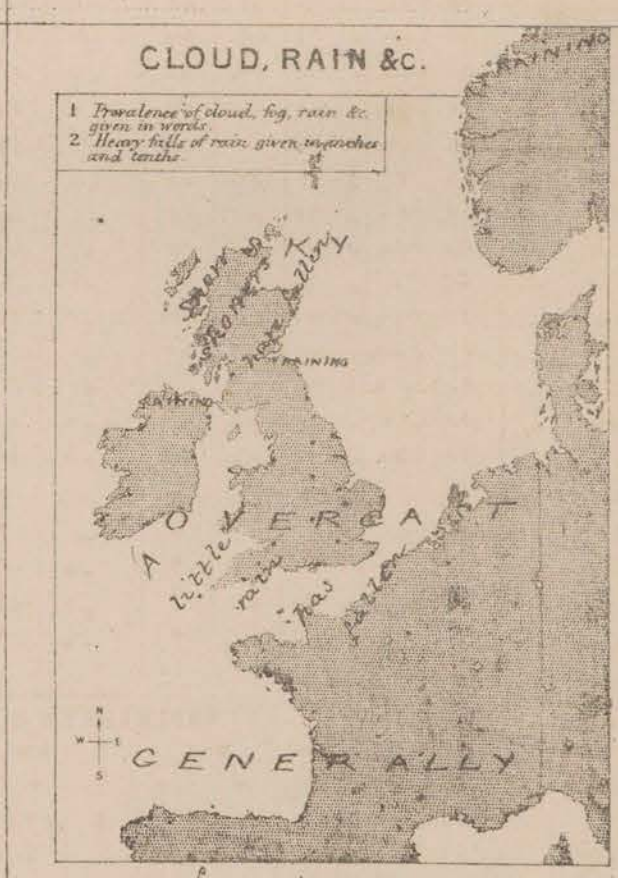
WIND & SEA.



Nly and Wly gales are now felt on the Danish and British coasts, while light Nly breezes are blowing over the greater part of Sn Britain and in Ireland the wind has veered to the Swd.

The sea is rather rough on our south west coasts, moderate in the north west.

CLOUD, RAIN &c.



Some rain has fallen in the south of our Islands, snow in the north. The sky is overcast generally, and rain is now falling both at Leith and Greencastle. The weather is not at all settled.

Note The Norwegian Reports arrived too late to be included in the above remarks.

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Meteorological Office
116, Victoria Strt, Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Yesterday - day 8 a.m. **WEATHER REPORT.** Dec. 24th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...	29.50	+ .18	7	7	-1	*	*	NE	8	4	NE	*	o	*	*
Hernösand ...	29.01	+ .01	9	9	-18	*	*	N	2	4	N	*	oc	*	*
Stockholm ...	29.29	+ .18	25	20	-10	*	*	NNN	4	2	N	*	bo	*	*
Wisby	28.86	- .55	36	33	-3	*	*	NNE	6	6	N	*	bz	*	*
Christiansund ...	29.54	+ .65	?	?		*	*	SW	6	?	?	*	o	*	?
Skudesnaes ...	29.80	+ .49	35	33	-7	*	*	NNN	8	6	WNW	*	c	*	4
Oxö (X'tiansand)	29.75	+ .37	37	33	-3	*	*	NW	4	6	W	*	b	*	2
Skagen (The Skaw)	29.46	+ .11	41	37	+1	*	*	N	8	*	*	*	b	*	*
Fanö	29.65	- .01	40	38	0	*	*	NNN	8	*	*	*	b	*	*
Cuxhaven ...	29.67f	- .12	42	41	+2	47	?	NNN	8	9	WSW	9	z	0.29	?
Sumburgh Head															
Stornoway (Hebrides.)															
Thurso... ...															
Wick															
Nairn	30.12z	+ .39	34	32	-2	36	31	N	1	2	N	6	so	0.50	1
Aberdeen ...	30.10z	+ .38	32	30	-6	38	32	N	1	1	NSW	2	sbmc	0.60	1
Leith	30.18z	+ .39	35	33	-6	53	33	N	1	5	N	5	opc	0.17	*
Shields... ...	30.18z	+ .29	38	35	-6	52	37	NNW	2	7	NSW	5	go	0.02	2
York	30.19z	+ .20	39	38	-6	53	39	NW	1	3	N	6	oc	-	*
Scarborough ...	30.15z	+ .21	40	38	-1	52	40	NNW	3	4	NW	8	o	-	3
Nottingham ...	30.20z	+ .09	45	42	+4	52	41	?	2	7	S	10	m	0.05	*
Ardrossan ...	30.18z	+ .34	39	36	-9	53	38	NE	1	6	SW	5	gf	0.09	0
Greencastle ...	30.19z	+ .32	42	40	-3	52	41	NNW	1	7	N	9	gr	0.08	*
Donaghadee ...	30.19z	+ .27	42	40	-2	52	42	NW	3	5	6	8	oc	-	2
Kingstown ...	30.22z	+ .16	45	42	-1	55	44	NW	3	6	W	9	o	-	2
Holyhead ...	30.18z	+ .14	46	44	-1	54	45	NNE	2	5	SW	4	o	-	2
Liverpool (Bidston Obs.)	30.18z	+ .11	43	42	-1	53	43	NNW	2	6	WSW	1	ob	-	2
Valencia ...	30.16z	+ .03	49	48	-1	54	47	SSW	3	5	SW	8	mf	0.05	4
Roche's Point ...	30.23z	+ .11	44	43	-5	53	44	WNW	2	4	W	3	c	0.02	2
Pembroke ...	30.23z	+ .07	49	46	0	52	48	NW	2	7	WSW	9	go	0.06	2
Portishead ...	30.18z	- .01	47	45	+3	51	42	NNW	3	7	WSW	5	ogc	-	2
Scilly	30.29z	+ .01	51	51	+3	52	47	NNW	5	6	WSW	9	o	0.06	6
Plymouth ...	30.23z	- .03	50	50	+11	52	39	NW	2	4	SW	10	m	-	*
Portsmouth ...	30.24z	.00	48	48	+4	51	42	NW	1	4	W	5	ow	0.01	1
Dover	30.12f	- .07	49	49	+9	51	38	WSW	3	4	NNW	5	cg	0.03	2
London ...	30.15z	- .04	51	47	+10	52	41	NW	2	6	W	10	cgo	-	*
Oxford... ...	30.17	- .01	48	45	+9	51	39	NW	1	5	WSW	9	o	-	*
Cambridge ...	30.16z	+ .03	46	44	+6	53	39	NNW	2	3	SW	10	co	-	*
Yarmouth ...	30.14z	+ .04	44	43	+5	50	37	NNW	3	5	WSW	5	bc	-	2
Helder... ...	29.97	- .01	45	*	0	*	*	NW	7	*	*	*	*	*	4
Cape Gris Nez...	30.12f	- .07	49	49	+5	49	43	W	5	5	W	8	o	-	4
Brest	30.36z	+ .02	52	50	+3	53	46	NW	3	4	WNW	10	o	0.04	3
L'Orient ...	? 30.29f	- .01	50	50	+4	55	45	W	4	4	W	9	fo	0.04	2
Rochefort ...	30.45z	+ .04	47	45	+2	49	41	SW	3	5	SSW	10	co	-	3
Biarritz ...	30.42f	- .01	41	37	-1	48	37	ESE	3	3	E	7	cm	-	4
Corunna ...				*		*	*			*	*	*		*	
Brussels ...				*		*	*			*	*	*		*	*
Charleville ...	? 30.19	?	43	*	+4	*	*	SW	1	*	*	*	z	*	*
Paris															*
Lyons	?		41	*	0	*	*	W	1	*	*	*	f	*	*
Toulon... ...	30.25z	+ .02	46	42	-2	55	45	NW	1	4	NW	2	cb	-	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry.	Wet.	Wind		C.	Wea.	Sea.
Skudesnaes ...	29.48	39	38	NNW	8	*	z	7
Thurso ...	29.62	36	35	WNW	1	8	o	1
Scarborough...	29.82	46	44	W	3	10	o	2
Greencastle ...	29.77	49	49	WSW	5	10	d	*
Holyhead ...	29.98	50	49	SW	5	7	m	4

	Bar	Dry.	Wet.	Wind		C.	Wea.	Sea.
Valencia ...	30.11	53	52	SW	5	9	m	5
Scilly ...	30.25	51	49	WSW	5	6	c	*
London ...	30.14	46	44	WSW	3	9	co	3
Rochefort ...	30.32	48	44	SSW	5	6	c	

Pressure has decreased generally, least in the SW. The winds show very little change, and the sea has gone down a little at Pembroke. —

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

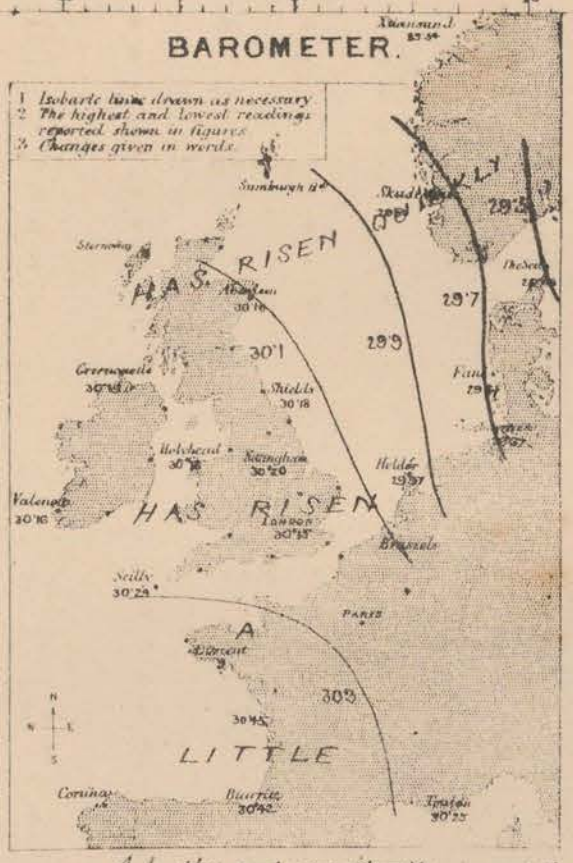
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

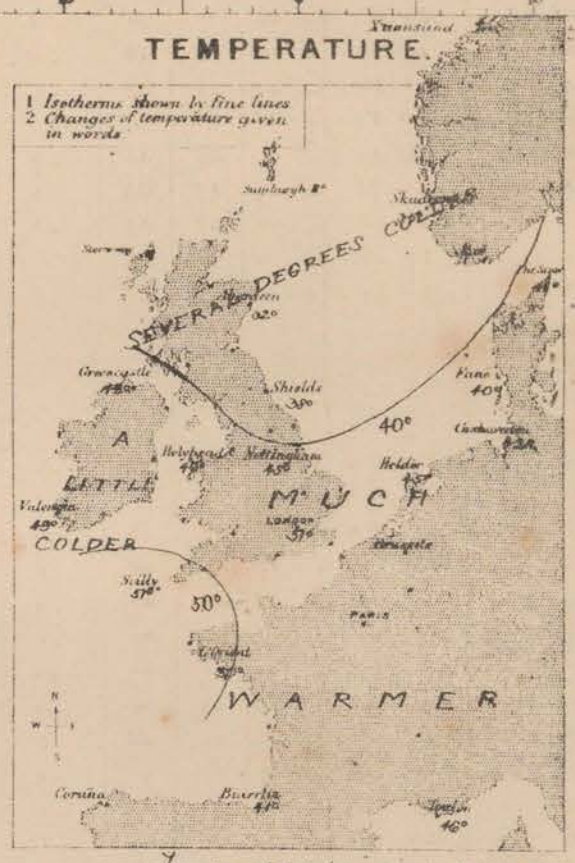
WEDNESDAY 24th DECEMBER 1873 AT 8 A.M.

BAROMETER.



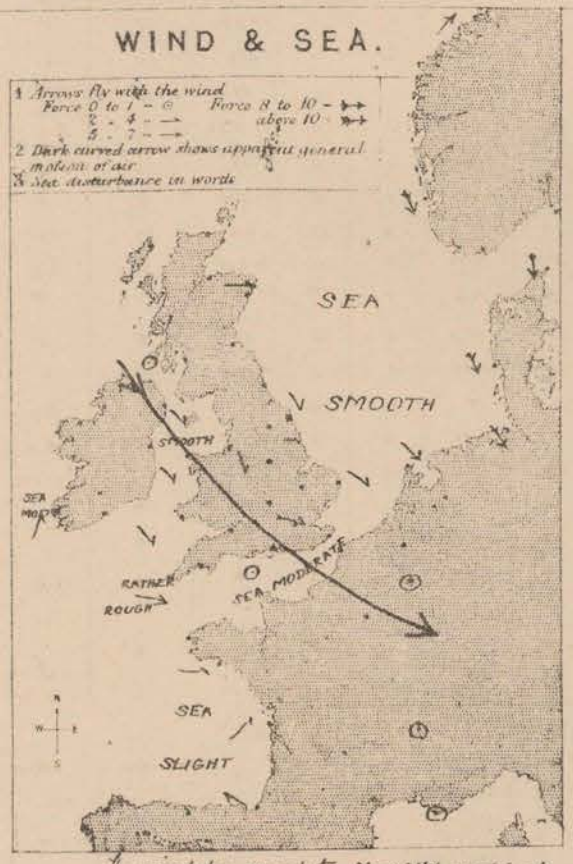
A further and considerable increase of pressure has taken place at the northern stations since yesterday extending to our southern coasts also during the night. The highest readings are still found over the Bay of Biscay and rather high pressures are reported from our north west coasts also, while the lowest are situated over Denmark and the Sound. The gradient from Scarboro' to Fano is 0·05in per 50 miles.

TEMPERATURE.



Temperature has risen at our southern stations and in the west of France, but fallen elsewhere and is rather low in the east of Scotland.

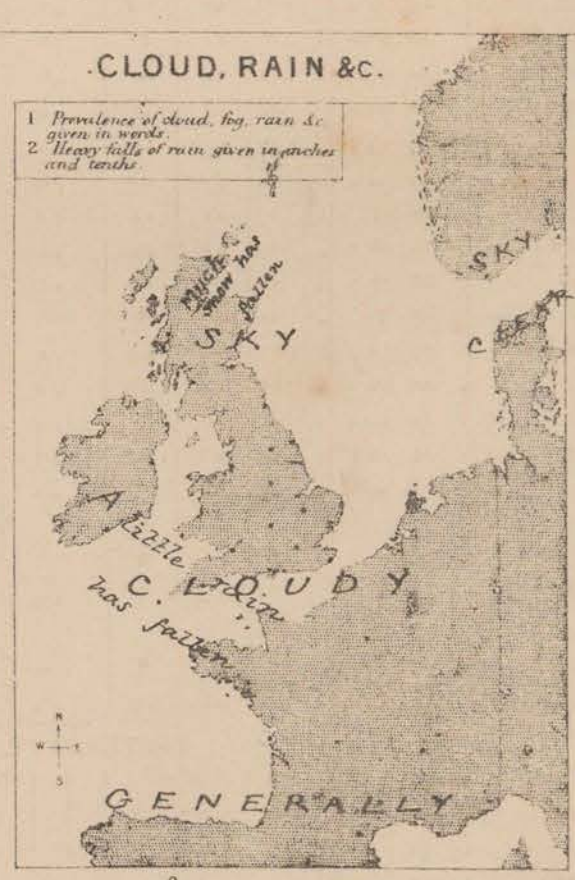
WIND & SEA.



The wind has veered to N or NW except at Valencia, Scotland and in the south west of France. In force it is light on our coasts, but blows a gale on the eastern shores of the North Sea.

The sea is smooth on our coasts, except at the entrance to the Channel.

CLOUD, RAIN &c.



Some rain has fallen in the west and a good deal of snow in the north. The sky is very cloudy in the south, rather so in other parts of our Islands, but clear in Denmark.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Thurs-day 8 a.m. WEATHER REPORT. Dec. 25th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...	29.62	+ .12	5	5	-2	*	*	NW	2	2	NE	*	σ	*	*
Hernösand ...	29.76	+ .75	9	9	0	*	*	S	2	0	Z	*	b	*	*
Stockholm ...	29.71	+ .42	27	25	+2	*	*	W	2	4	NW	*	co	*	*
Wisby	29.79	+ .95	36	36	+1	*	*	NNW	8	8	N	*	b	*	*
Christiansund ...	29.75	+ .21	34	33	?	*	*	SW	6	8	W	*	σ	*	6
Skudesnaes ...	29.81	+ .01	40	40	+6	*	*	ENE	6	6	WSW	*	σk	*	4
Oxö (X'tiansand)	30.00	+ .25	33	31	-4	*	*	NNE	2	4	NNW	*	bσ	*	3
Skagen (The Skaw)	29.99	+ .53	37	34	-4	*	*	NW	6	*	*	*	c	*	*
Fanö	30.12	+ .47	43	41	+3	*	*	WSW	6	*	*	*	c	*	*
Cuxhaven ...	30.25r	+ .58	40	38	-2	?	38	WSW	5	9	NNW	8	σ	—	?
Sumburgh Head															
Stornoway (Hebrides.)	29.81f	- .28	45	43	+10	49	33	WSW	2	6	S	6	gc	0.14	4
Thurso... ...	29.73f	- .26	46	44	+12	49	33	W	5	4	WNW	7	σc	0.12	3
Wick	29.80f	- .24	45	44	+11	48	31	W	1	2	W	10	σ	0.08	?
Nairn	29.83f	- .29	47	44	+13	47	33	W	1	2	W	6	c	—	1
Aberdeen ...	29.89f	- .21	44	42	+12	44	32	SSW	2	3	SSW	2	cb	—	1
Leith	30.01f	- .17	50	48	+15	51	33	W	4	2	W	6	c	—	*
Shields... ...	30.12f	- .06	46	44	+8	46	38	SW	2	3	WSW	6	cm	0.01	2
York	30.21f	+ .02	42	41	+3	44	36	S	1	1	S	3	cσ	—	*
Scarborough ...	30.18f	+ .03	43	43	+3	43	36	W	2	2	W	9	cσ	—	2
Nottingham ...	30.31f	+ .11	44	43	-1	46	36	S	2	3	?	10	m	—	*
Ardrossan ...	30.08f	- .10	50	48	+11	50	37	SW	3	3	SSW	6	c	0.01	3
Greencastle ...	30.08f	- .11	46	45	+4	47	41	Z	0	4	SW	9	σ	0.05	*
Donaghadee ...	30.15f	- .04	47	46	+5	48	39	S	4	4	S	8	c	—	2
Kingstown ...	30.21f	- .01	52	48	+7	53	36	SW	3	3	NW	8	σ	—	2
Holyhead ...	30.21f	+ .03	50	49	+4	51	44	SW	2	2	NNE	7	cm	—	1
Liverpool (Bidston Obs.)	30.25f	+ .07	48	46	+5	49	41	SW	3	3	SW	10	cσ	—	1
Valencia ...	30.08f	- .08	50	49	+1	53	45	SSW	4	4	SSW	8	m	0.05	4
Roche's Point ...	30.25f	+ .02	48	48	+4	54	44	SW	3	3	SW	9	cm	0.05	3
Pembroke ...															
Portishead ...	30.33f	- .15	42	42	-5	54	34	WSW	2	3	WNW	10	cm	—	1
Scilly	30.32f	+ .02	49	48	-2	52	42	SSW	4	5	WNW	9	fσ	—	2
Plymouth ...	30.34s	+ .11	45	45	-5	52	41	Z	0	2	NW	10	cm	—	*
Portsmouth ...	30.36f	+ .12	46	45	-2	51	41	SE	1	2	N	9	cf	—	1
Dover	30.37r	- .25	43	41	-3	50	38	SSW	1	3	ENE	9	bc	—	2
London ...	30.33f	+ .18	37	36	-14	52	34	W	2	2	ENE	9	mbc	—	*
Oxford... ...	30.34	+ .17	39	38	-9	48	37	S	1	1	S	10	cf	—	*
Cambridge ...	30.32f	+ .16	41	41	-5	45	33	SW	1	1	SW	10	c	—	*
Yarmouth ...	30.3[illegible]	+ .17	40	40	-4	45	36	W	2	3	W	10	bf	—	2
Helder	30.26	+ .29	45	*	0	*	*	SW	6	*	*	*	*	0	2
Cape Gris Nez...	30.34f	+ .22	38	36	-11	51	38	S	1	3	ENE	0	cb	—	1
Brest	30.37f	+ .01	48	44	-4	54	45	SE	1	3	NW	7	σ	—	3
L'Orient ...	30.2[illegible]s	.00	47	45	-3	?	46	?	1	1	NNW	9	fσ	—	4
Rochefort ...	30.37f	- .08	47	43	0	55	44	E	1	3	W	10	σf	0.08	3
Biarritz ...	30.29s	- .14	39	37	-2	47	37	E	4	4	SSE	8	σ	—	3
Corunna ...	30.24		42	*		*	*	NE	3	*	*	*	b	*	
Brussels ...	30.37	+ .15	36	*	-15	*	*	NE	3	*	*	*	[illegible]	*	*
Charleville ...	30.46		31	*	-12	*	*	W	1	*	*	*	c	*	*
Paris	30.39r	+ .15	43	?	-3	51	43	EBE	1	?	?	10	σ	—	*
Lyons	?		46	*	+5	*	*	NNE	3	*	*	*	σ	*	
Toulon... ...	30.19f	- .06	45	41	-1	52	44	NE	4	4	NE	8	cσ	—	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	30.00	36	33	NNW	8	*	b	4
Thurso ...	30.07	37	36	W	3	8	fc	3
Scarborough...	30.26	40	39	W	2	6	c	2
Greencastle ...	30.18	43	41	SW	4	9	σ	*
Holyhead ...	30.25	47	45	Z	0	4	c	σ
Valencia ...	30.17	53	52	SSW	3	8	r	4
Scilly ...	30.34	52	52	WNW	4	8	f	*
London ...	30.31	48	45	NE	2	8	c	3
Rochefort ...	30.42	51	47	W	1	10	σ	

Pressure continues to increase briskly in the E. of our Islands, but a fall has set in at Greencastle and the Sth wind is extending quickly over our NW. coasts.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

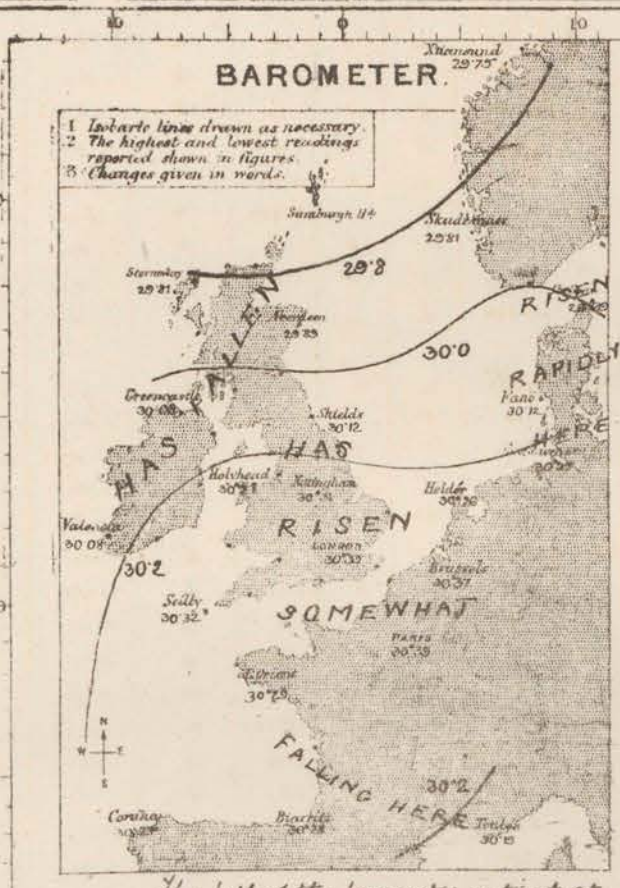
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

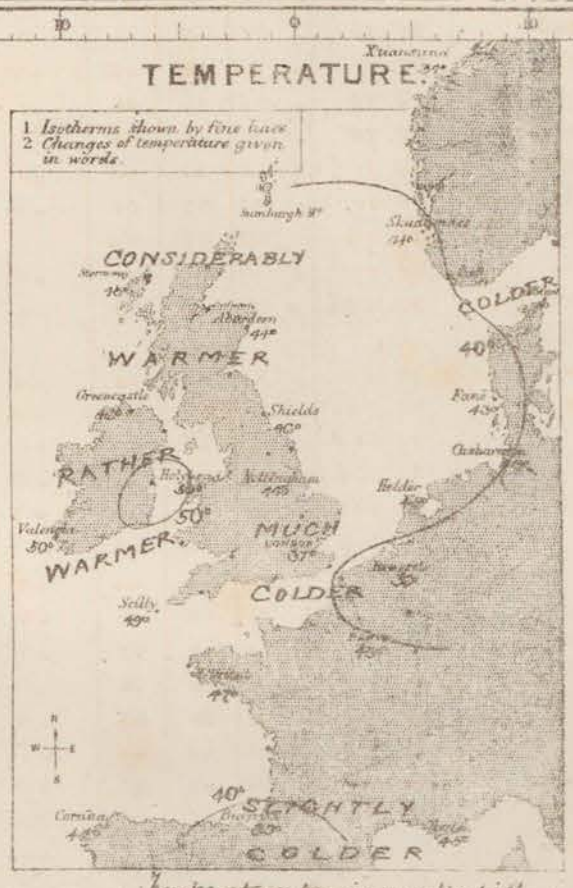
THURSDAY 25TH DECEMBER 1873 AT 8 A.M.

BAROMETER.



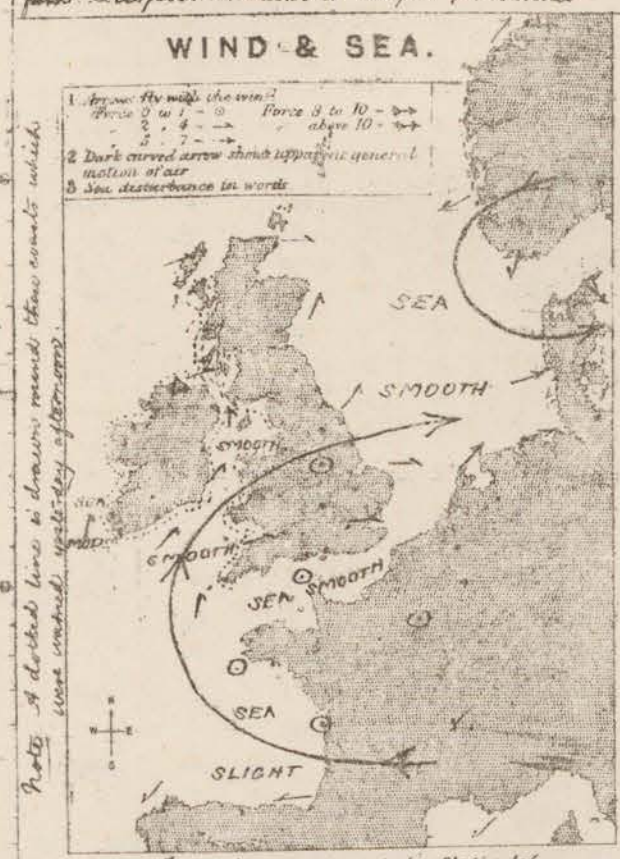
The fall of the barometer noticed at Greencastle yesterday afternoon has extended to all the Irish and Scotch stations, and in a less degree to nearly all the English coasts during the night. In Norway, Denmark and the Netherlands, however, a rise has occurred. The highest readings are found over France and the south of England, while the greatest fall Liverpool to Thames is 0·09 in. per 50 miles.

TEMPERATURE.



Temperature has increased rapidly over the north of our Islands, slightly in the west, but fallen fast over all the eastern and south-eastern stations.

WIND & SEA.



The wind has backed to SW or W on our western and northern coasts but is light generally, while a light E'ly breeze prevails over the Bay of Biscay. Elsewhere the wind varies considerably.

The sea is moderate to smooth except at Christiansund.

CLOUD, RAIN &c.

A little rain has fallen at the Irish and Scotch stations. The sky is very cloudy with some haze or fog in the south.

Warnings were issued to our west and north-west coasts yesterday afternoon.

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Meteorological Office
116, Victoria Strt. Westminster. S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Fri-day 8 a.m. WEATHER REPORT. Dec. 26th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	Change since yesterday.	THERMOMETERS. (In shade) At 8 A.M. Dry bulb.	Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	Min.	WIND. At 8 A.M. Direc.	Force. — (0 to 12.)	Extreme. Force. — (0 to 12.)	Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance — 0 to 9.
Haparanda ...	29.39	-.23	-3	-4	-8	*	*	N	2	2	NN	*	σ	*	*
Hernösand ...	29.24	-.52	11	10	+2	*	*	Z	0	0	Z	*	b	*	*
Stockholm ...	29.39	-.32	36	35	+9	*	*	N	4	2	SSW	*	σ	*	*
Wisby	29.63	-.16	42	40	+6	*	*	N	6	Z	N	*	co	*	*
Christiansund ...	29.32	-.43	33	32	-1	*	*	SW	2	8	SW	*	rs	*	5
Skudesnaes ...	29.70	-.11	45	42	+4	*	*	W	6	6	W	*	ov	*	4
Oxö (X'tiansand)	29.65	-.35	45	43	+12	*	*	WSW	6	4	SSW	*	b	*	3
Skagen (The Skaw)	29.67	-.32	46	45	+9	*	*	NW	6	*	*	*	σ	*	*
Fanö	29.96	-.16	45	44	+2	*	*	W	6	*	*	*	e	*	*
Cuxhaven ...	30.06f	-.19	40	38	0	42	?	N ?	6	6	NSW	7	σ	–	
Sumburgh Head															
Stornoway (Hebrides.)	29.81s	.00	39	38	-6	46	37	NW	?	2	SW	10	dp	0.05	2
Thurso... ...	29.74f	+.01	40	39	-6	47	39	SW	1	3	W	9	σd	0.04	2
Wick	29.77f	-.03	39	38	-6	47	38	SW	1	2	SW	10	σ	–	0
Nairn	29.84r	+.01	41	40	-6	51	41	Z	0	2	W	10	cr	0.29	1
Aberdeen ...	29.81f	-.08	41	41	-3	48	41	SW	1	2	SSW	10	br	0.05	1
Leith	29.86f	-.15	48	46	-2	53	42	N	3	3	W	8	co	–	*
Shields... ...	29.96f	-.16	47	45	+1	48	43	SW	3	4	WSW	7	bm	–	2
York	30.07f	-.14	41	40	-1	52	41	S	1	1	S	9	co	–	*
Scarborough ...	30.00f	-.18	43	42	0	48	42	SW	2	2	W	10	co	–	2
Nottingham ...	30.12f	-.19	45	42	+1	50	43	SSW	3	4	SSW	10	cq	–	*
Ardrossan ...	29.89f	-.19	48	47	-2	50	48	SW	4	4	WSW	8	cr	0.12	3
Greencastle ...	29.88f	-.20	47	46	+1	48	46	WSW	2	4	WSW	9	p	0.26	*
Donaghadee ...	29.92f	-.23	46	45	-1	50	45	S	5	5	S	10	co	0.01	3
Kingstown ...	30.00f	-.21	49	47	-3	53	49	SE	1	3	SE	6	c	–	1
Holyhead ...	? 29.99f	-.22	49	48	-1	51	48	SW	2	3	SW	10	dm	0.09	2
Liverpool (Bidston Obs.)	30.03f	-.22	42	41	-6	50	42	SSE	2	3	SSW	9	co	–	1
Valencia ...	29.97f	-.11	49	48	-1	52	47	WSW	2	4	SSW	7	mc	0.32	3
Roche's Point ...	29.99f	-.26	49	48	+1	51	47	SW	3	4	SW	9	mo	0.15	3
Pembroke ...	30.06f		48	47		52	47	SSW	3	3	SSW	10	ow	0.03	3
Portishead ...	30.12f	-.21	44	43	+2	51	40	SW	1	2	WSW	10	σ	–	1
Scilly	30.09f	-.23	49	48	0	52	48	SSW	4	4	SSE	7	p	0.06	4
Plymouth ...	30.11f	-.23	46	46	+1	49	44	SE	1	2	NE	10	σd	0.01	*
Portsmouth ...	30.16f	-.20	47	45	+1	49	44	SW	2	1	NE	8	mo	–	1
Dover	30.17f	-.30	45	43	+2	47	41	?	3	3	SW	10	σ	–	3
London ...	30.15f	-.18	44	42	+7	51	37	SSW	1	1	W	10	fo	–	*
Oxford... ...	30.15	-.19	44	41	+5	47	39	SSW	1	1	SW	10	σ	–	*
Cambridge ...	30.16f	-.16	43	41	+2	45	40	SW	1	1	SW	10	go	–	*
Yarmouth ...	30.15f	-.16	42	42	+2	45	39	SW	1	2	WSW	10	fg	–	2
Helder... ...	30.14	-.12	46	*	+1	*	*	WSW	6	*	*	*	*	*	2
Cape Gris Nez...	30.19f	-.15	41	39	+3	45	37	SSW	4	1	S	10	f	–	2
Brest	30.15f	-.22	49	49	+1	50	46	SSE	4	4	SSE	10	σ	–	3
L'Orient ...	?		46	46	-1	53	44	SE	3	3	SE	10	σ	–	2
Rochefort ...	30.25	-.12	43	39	-4	50	39	SSE	3	4	SE	10	σ	–	3
Biarritz ...	30.21r	-.07	46	42	+7	50	37	S	3	5	E	0	cb	–	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.23	-.14	38	*	+2	*	*	ESE	3	*	*	*	f	*	*
Charleville ...	? 30.35	-.11	31	*	0	*	*	WSW	6	*	*	*	of	*	*
Paris	30.25f	-.14	36	?	-7	44	36	S	3	4	SE	10	σ	–	*
Lyons	?		41	*	-5	*	*	NE	1	*	*	*	f	*	
Toulon... ...	30.34r	+.15	48	46	+3	50	45	E	3	4	NE	8	σ	–	3

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry.	Wet.	Wind.		C.	Wea	Sea.
Skudesnaes ...	29.81	45	44	W	6	*	σ	6
Thurso ...	29.78	46	44	?	1	9	σ	2
Scarborough...								
Greencastle ...								*
Holyhead ...								

	Bar	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Valencia ...								
Scilly ...	30.24	51	50	SSE	4	7	p	2
London ...								*
Rochefort ...								

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

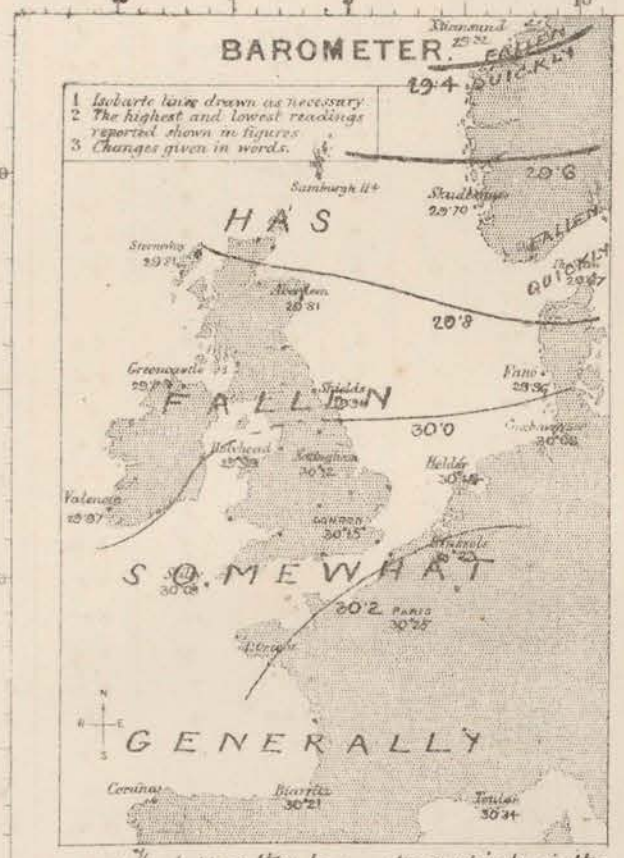
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

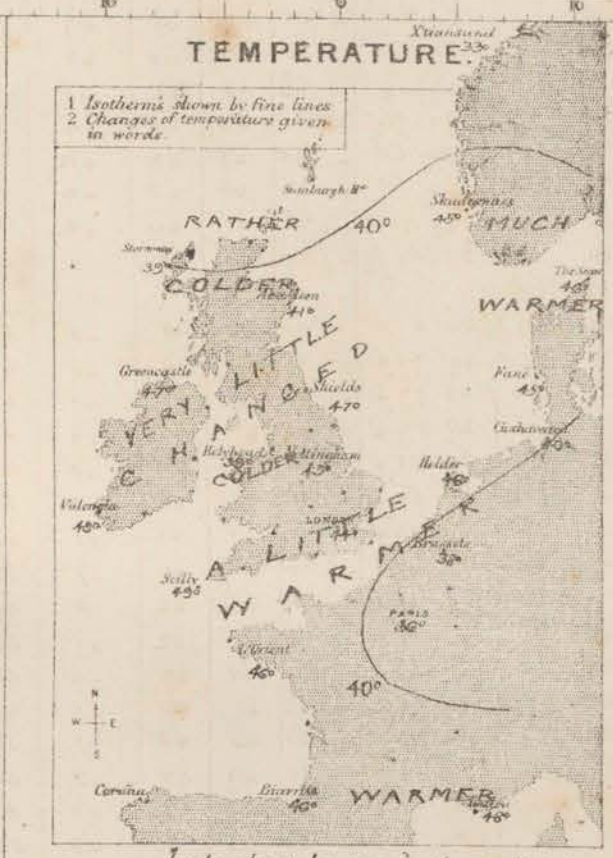
WEATHER CHARTS

AND REMARKS FOR

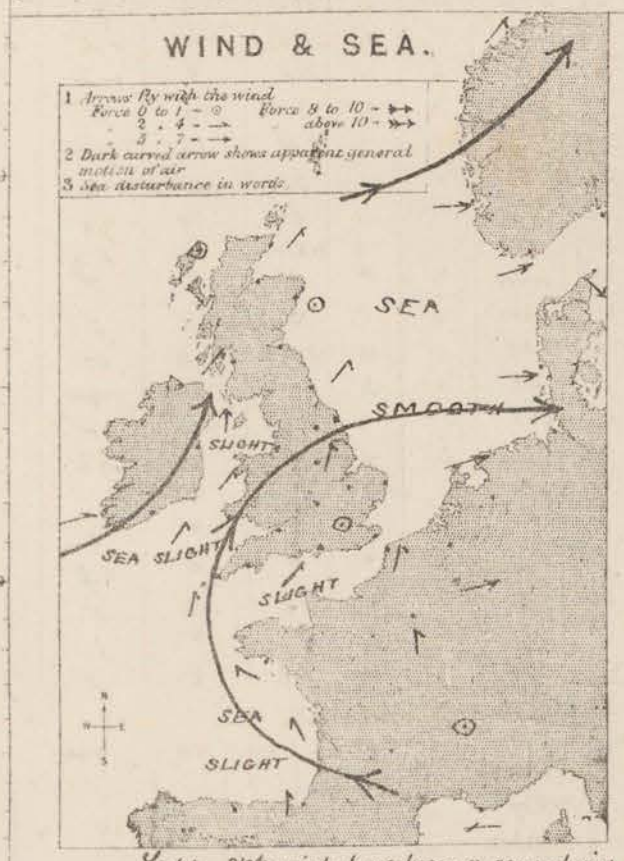
FRIDAY 26TH DECEMBER 1873 AT 8 A.M.



The fall of the barometer noticed in the west and north yesterday morning has now extended to all stations, and, after a slight recovery which occurred in Ireland during yesterday has commenced in that country during the night. The highest readings are now over central and southern France, but the gradient from Paris to Greencastle is only 0·04 in per 50 miles.



Temperature has again changed very irregularly. It is now rather higher in the south of England but lower at our northern stations and in France than it was yesterday.



Light SW. winds have become general in our Islands and light SE. in the west of France, while a light E. breeze is reported from Toulon. On the eastern shores of the North Sea the wind is rather strong from W. The sea is smooth.

Slight rain has fallen in the west and north. The sky is overcast generally.

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" " " post 5/ per quarter.

Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT. Director.

Vincent Brooks Day & Son Lith. London W.C.

Satur-day 8 a.m. **WEATHER REPORT.** Dec: 27th 1873.

STATIONS.	BAROMETER At 8 A.M. Reduced to 32° F at the Mean Sea Level.	BAROMETER Change since yesterday	THERMOMETERS (in shade). At 8 A.M. Dry bulb.	THERMOMETERS At 8 A.M. Wet bulb.	THERMOMETERS Change in the dry bulb since yesterday	THERMOMETERS In past 24 hours. Max.	THERMOMETERS In past 24 hours. Min.	WIND At 8 A.M. Direc.	WIND At 8 A.M. Force. (0 to 12.)	WIND Extreme. Force. (0 to 12.)	WIND Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance 0 to 5
Haparanda ...	29.42	+ .03	-4	-5	-1	*	*	N	2	2	N	*	b	*	*
Hernösand ...	29.55	+ .31	9	9	-2	*	*	I	0	0	I	*	b	*	*
Stockholm ...	29.49	+ .10	26	26	-10	*	*	NW	2	6	W	*	bo	*	*
Wisby	29.56	- .07	37	36	-5	*	*	N	4	2	N	*	o	*	*
Christiansund ...	29.61	+ .29	33	?	0	*	*	WNW	4	4	WNW	*	co	*	5
Skudesnaes ...	29.58	- .12	34	32	-11	*	*	NNW	4	2	NW	*	c	*	2
Oxö (X'tiansand)	29.49	- .16	39	37	-6	*	*	NNE	4	4	WSW	*	co	*	3
Skagen (The Skaw)	29.50	- .17	38	37	-8	*	*	N	4	*	*	*	r	*	*
Fanö	29.50	- .46	44	44	-1	*	*	SW	4	*	*	*	c	*	*
Cuxhaven ...	29.67f	- .39	40	40	0	?	34	WSW	7	6	WSW	9	m	0.02	?
Sumburgh Head															
Stornoway (Hebrides.)	29.76f	- .05	33	32	-6	39	31	NW	1	1	NW	10	cl	0.11	2
Thurso... ...	29.67f	- .07	34	33	-6	41	33	W	2	3	WSW	8	rso	0.45	2
Wick	29.72f	- .05	33	33	-6	39	32	W	1	2	W	6	sc	0.08	0
Nairn	29.76f	- .08	35	33	-6	47	34	W	1	1	W	6	dc	0.19	1
Aberdeen ...	29.72f	- .09	35	33	-6	42	34	NW	2	3	NNW	1	rb	0.37	1
Leith	29.80f	- .06	34	33	-14	50	32	W	2	3	W	3	opb	0.31	*
Shields... ...	29.78f	- .18	35	33	-12	48	35	NW	3	4	NE	4	c	0.09	2
York	29.80f	- .27	34	33	-7	49	34	NW	1	1	S	1	cb	0.09	*
Scarborough ...	29.75f	- .25	36	35	-7	46	36	NNW	3	3	W	8	r	0.20	3
Nottingham ...	29.31f	- .31	40	34	-5	46	39	NNW	1	4	SW	10	om	0.08	3
Ardrossan ...	29.83f	- .06	37	35	-11	49	34	NW	1	4	SW	6	oc	0.05	0
Greencastle ...	29.87r	- .01	38	37	-9	47	37	N	1	4	NNW	7	pc	0.41	*
Donaghadee ...	29.84s	- .08	35	34	-11	49	35	W	3	5	S	2	cb	0.05	2
Kingstown ...	29.92r	- .08	38	36	-11	52	36	WNW	4	3	SW	3	cb	0.09	4
Holyhead ...	29.83s	- .16	43	41	-6	50	42	WNW	3	2	SW	5	rc	0.20	2
Liverpool (Bidston Obs.)	29.83f	- .20	40	38	-2	49	39	NW	2	3	NW	6	c	0.11	2
Valencia ...	30.03r	+ .06	39	36	-10	52	37	E	3	4	NNE	4	mc	0.04	3
Roche's Point ...	29.97r	- .02	37	35	-12	52	35	N	2	4	NE	2	cb	0.07	2
Pembroke ...	29.92f	- .14	41	38	-7	51	40	NNW	3	5	W	3	ob	0.15	2
Portishead ...	29.86f	- .26	39	39	-5	49	38	WNW	3	5	W	5	oo	0.18	2
Scilly	29.93f	- .16	47	46	-2	51	46	NNE	5	5	NNE	9	co	0.14	5
Plymouth ...	29.89f	- .22	47	46	+1	51	44	N	3	5	SW	10	omv	0.10	*
Portsmouth ...	29.83f	- .33	42	42	-5	49	41	NE	4	5	NE	10	or	0.17	7
Dover	29.81f	- .36	47	46	+2	48	42	SW	3	4	SSW	6	oc	0.08	3
London ...	29.77f	- .38	48	46	+4	49	44	WSW	4	4	WSW	9	or	0.01	*
Oxford... ...	29.84	- .31	37	37	-7	47	37	NW	3	3	NW	10	dr	0.12	*
Cambridge ...	29.79f	- .37	39	39	-4	47	38	NW	2	1	SW	10	gr	0.14	*
Yarmouth ...	29.71f	- .44	42	42	0	45	41	WNW	2	2	SSW	10	cr	0.10	2
Helder... ...	29.69	- .45	46	*	0	*	*	SW	?	*	*	*	*	*	4
Cape Gris Nez...	29.83f	- .36	47	45	+6	48	39	NSW	?8	4	SSW	10	cr	0.28	6
Brest	30.05f	- .10	50	48	+1	52	46	WNW	3	4	SW	7	mo	0.20	3
L'Orient ...	?		48	48	+2	53	48	SW	1	3	SW	8	o	0.20	2
Rochefort ...	30.10f	- .15	43	41	0	57	39	SSE	4	4	SSE	10	co	-	3
Biarritz ...	30.14f	- .07	50	48	+4	54	46	?	4	5	S	3	c	-	3
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29.89	- .34	43	*	+5	*	*	SW	4	*	*	*	o	*	*
Charleville ...	?30.07	- .28	39	*	+8	*	*	SW	3	*	*	*	c	*	*
Paris	30.02f	- .23	35	?	-1	41	35	SE	1	4	S	1	ob	-	*
Lyons	?		46	*	+5	*	*	NE	1	*	*	*	f	*	
Toulon... ...	30.23f	- .11	50	50	+2	51	48	ESE	1	1	SE	9	of	-	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry	Wet.	Wind		C.	Wea	Sea
Skudesnaes ...	29.67	42	40	NNW	4	*	o	4
Thurso ...	29.75	39	36	WSW	3	10	r	2
Scarborough...	29.91	46	44	SW	2	7	c	2
Greencastle ...	29.85	43	42	NNW	4	10	r	*
Holyhead ...	29.92	49	48	SW	2	4	c	1

	Bar	Dry.	Wet	Wind		C	Wea	Sea
Valencia ...	29.94	51	51	SSW	0	7	c	3
Scilly ...	?	51	50	SSW	4	7	c	4
London ...	30.06	47	44	SSW	2	10	o	*
Rochefort ...	30.29	50	45	SSE	4	7	c	3

Pressure continues to decrease slowly over Ireland and England, but has increased slightly both at Rochefort and Thurso. The wind has shifted to NNW. at Greencastle with a further fall of temperature, but has not changed much elsewhere. —

EXPLANATION OF COLUMNS

BAROMETER.—The letters r (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strong wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky, c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain, s. snow; t. thunder, u. ugly, threatening; v. visibility, unusual transparency; w. wet, d.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

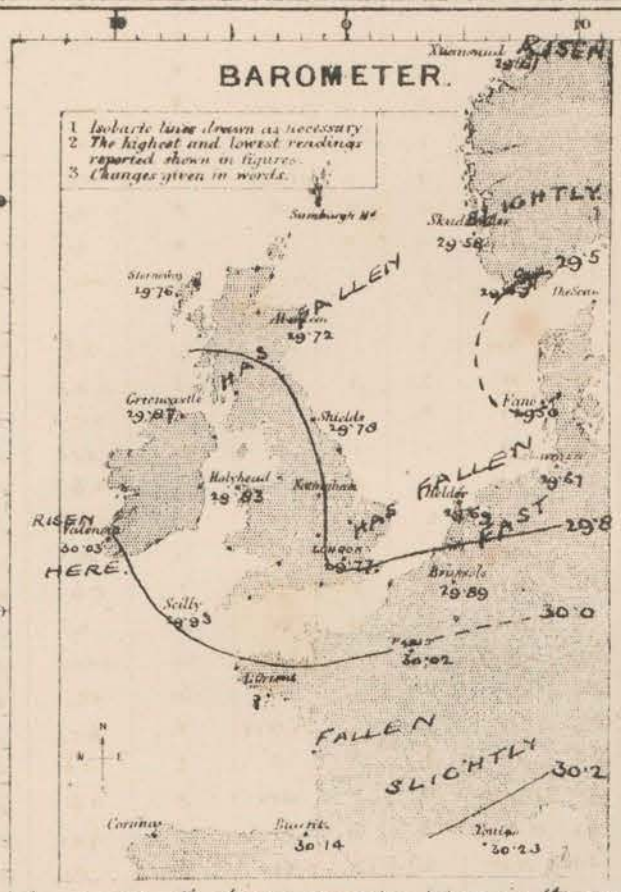
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

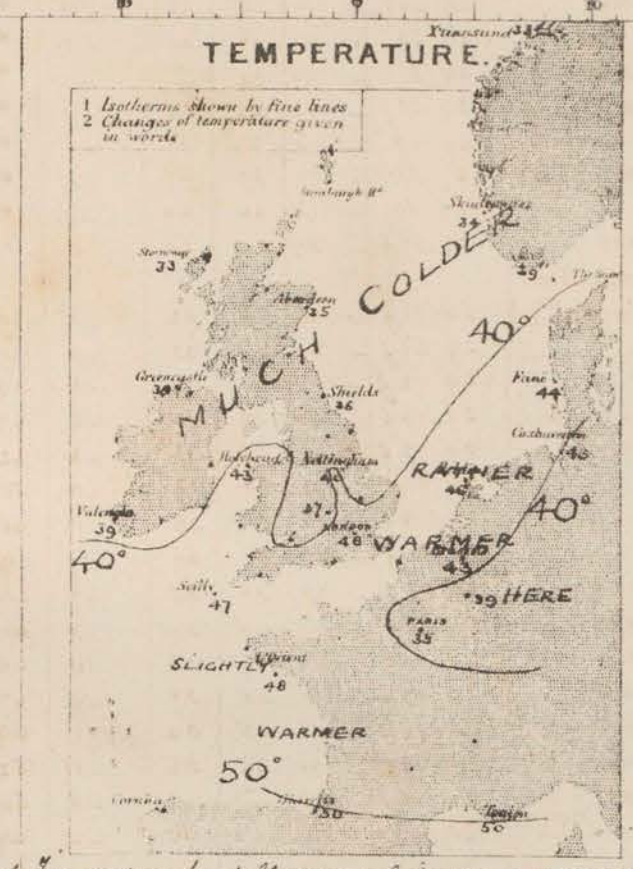
SATURDAY 27TH DEC: 1873 AT 8 A.M.

BAROMETER.



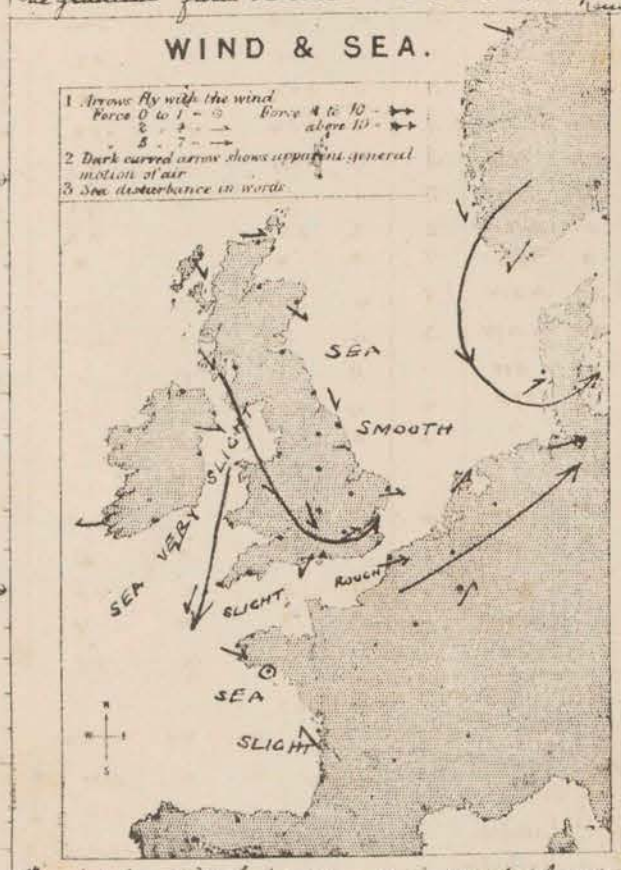
A very considerable change has taken place in the general distribution of pressure since yesterday. The barometer has fallen quickly at the SE^rn stations and to a less extent in most other places, but risen both at Valencia and Christiansund. The lowest readings reported are those on the E^rn shores of the North Sea: there also seems to be some local disturbance lying over the SE. of England. The "gradient" from Valencia to Oxford is 0·04 in. per 50 miles.

TEMPERATURE.



Temperature has fallen several degrees except at the SE^rn stations and over France, where it has risen. Oxford is 11° colder than London.

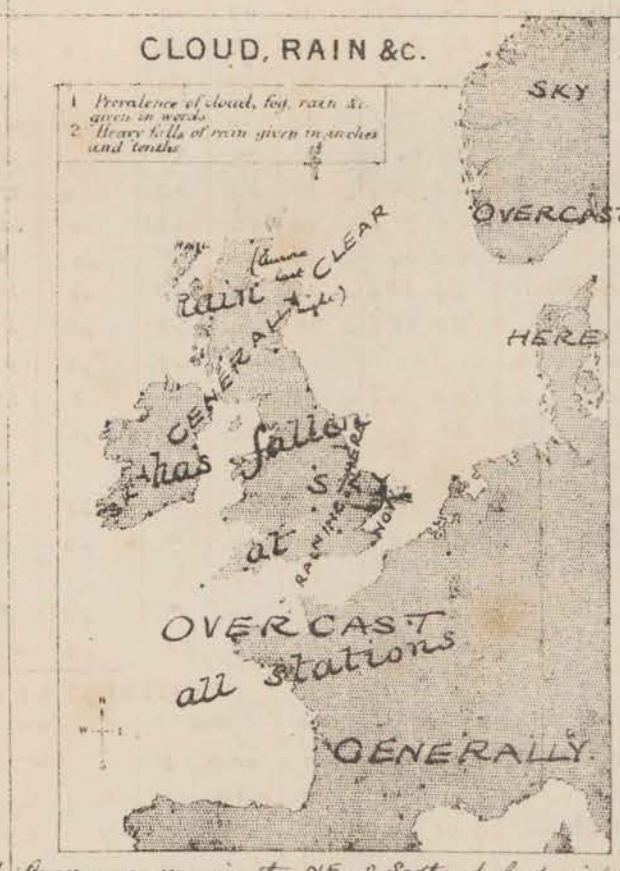
WIND & SEA.



The wind has shifted to NW or N. in most places, and is generally light. In the South-east, however, it is WSW^ly, blowing strongly at C. Gris Nez and Cuxhaven.

The sea is smooth on our coasts, rough at C. Gris Nez.

CLOUD, RAIN &c.



Aurora was seen in the NE. of Scotland last night. Rain has fallen generally, and continues in the E and S.E., but in the N. and W. the sky has become much clearer.

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Meteorological Office
116, Victoria Strt. Westminster, S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

SUMMARY OF WEATHER IN WESTERN EUROPE

from December 21st to December 27th 1873.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During the early part of the week the highest pressures held over the Bay of Biscay and some depressions travelled from W. to E. over the N^rn regions, giving us SW. to W. winds, or gales, with showers and sudden changes of temperature. On the 24th a depression, having its centre apparently over the Sound and S. of Sweden, produced fresh N^ly gales over the E^rn portions of the North Sea, and light NW^ly breezes on our coasts, but these soon disappeared and SW^ly or W^ly breezes were again experienced over the United Kingdom. After the 25th pressure became highest over central or S^rn France and for a time SW^ly breezes prevailed; but by the 27th a depression showed itself in Denmark accompanied by a local disturbance in the SE. of England. The NW^ly wind again prevailed temporarily over the country, but was light, and the weather became cold. Very little rain has fallen in most places, but much snow has occurred in the N. of Scotland, and a little at the SE^rn stations. Thunder and lightning were very prevalent in the extreme N. of our Islands early in the week.

DEC: 21st. — The barometer had risen somewhat all over our Islands and France, the change having been greatest in the S., while in the neighbourhood of the Skagen Rack a slight fall had occurred. The highest readings were found over the Bay of Biscay and gradients for W^ly winds over our Islands, were rather steep. Moderate to strong WSW. winds were blowing over the United Kingdom, and strong W^ly winds on the E^rn shores of the North Sea, while both at Lyons and Corunna light E^ly breezes were reported. Temperature had risen several degrees at our stations and in the N. of France but fell in Norway and the SW. of France. Thunderstorms had again occurred in the N. of Scotland; some rain fell in the NW. generally, and cloudy weather prevailed. During the day a fresh fall of the mercury took place in the NW. accompanied by an increase of the W^ly wind in our Islands, which reached the force of a gale in the N. of the Kingdom. Slight further falls of rain were reported in the W. and N., with lightning at Stornoway in the evening. —

DEC: 22nd. — The decrease of pressure had extended to Norway, apparently owing to the advance E^wd of the depression which affected our coasts on the 21st. In Ireland and the NW. of Gt. Britain a recovery had set in during the night. The wind, after blowing a fresh to strong gale from SW. and W. at our N^rn and NW^rn stations, had moderated considerably in this country, but fresh W^ly gales were felt in the S. of Norway, with strong W^ly winds in Holland and Denmark, while at Christiansund there was a strong SE. breeze. Temperature again showed an increase in the S. of England and on the Continent, but a very considerable fall occurred in the N. and W. of the Kingdom which subsequently extended to the Channel and the E^rn shores of the North Sea. A little rain fell in the S. of the Kingdom during the day, and snow in the north the weather being very cloudy generally. —

DEC: 23rd. — The disturbance above noted was travelling away to the E^wd and a very general rise of the barometer had taken place over the British Isles and France, while the fall had travelled to Sweden. During the night, however, a new decrease of pressure had commenced in Ireland. A SSW^ly gale was blowing at Christiansund, W^ly gales at Skudesnaes, Oxö and Faröe, and a

heavy NW. gale at the Scaw, while light W^ly breezes were felt on the E. coast of England. On our W^rn shores, however, the wind had backed to SW. again, accompanied by warmer weather. Heavy snow fell during the day in the N. of Scotland and slight showers of rain on our W^rn coasts the sky continuing very cloudy generally.

DEC: 24th. — The fall of the barometer noticed in the N. yesterday proved to be very slight, and apparently travelled quickly to the E^ward. At 8 am readings were higher than at the same hour on the 23rd in all places except Holstein and N. Germany. The lowest pressure was reported from the Scaw, while the highest still lay over the Bay of Biscay. Northerly and NNW^ly gales were blowing on the E^rn shores of the German Ocean and light NW^ly breezes in our Islands, but at Valencia the wind had already backed to SSW. again. Temperature fell several degrees — except in the S. and SE., but there it rose considerably. The sky, though clear in the NW., was cloudy elsewhere; and during the day, as the S^ly wind extended over our W^rn and NW^rn coasts, a little rain fell at several of the Irish and Scotch stations. —

DEC: 25th. — The barometer had fallen rather briskly both at our N^rn stations and over the S^rn parts of the Bay of Biscay while it had risen fast in Denmark, less over the Netherlands and England. The highest readings were now reported from the more central French stations; and, while, E^ly breezes became established over the S. of France and N. of Spain, moderate SW^ly winds blew along our W^rn coasts and W^ly winds in Scotland. On the shores of the Skager Rack part of a small circulation round some local disturbance lying further to the E^ward was felt. Temperature now rose again quickly in the N. while the fall reported there yesterday had passed on to the S^rn and SE^rn stations. The weather remained cloudy, with fog in the SW, and some rain again fell in the W & N. —

DEC: 26th. — The decrease of pressure noticed in Scotland yesterday had reached the S. of Scandinavia and extended in a less marked degree to all parts of W^rn Europe, but in the N. of Scotland it had ceased. The highest readings were over the SE. and centre of France, the lowest over the W. of Norway. Rather strong W^ly winds were felt on the E^rn shores of the North Sea, but in our Islands they remained light and backed to the SW^rn, while SE^ly breezes were reported in the Bay of Biscay. Temperature changed very irregularly, rising in the S. of England and the neighbourhood of the Skager Rock as well as in the S. of France, but falling elsewhere. The weather remained dull, with fog in the SW. During the day a NNW. breeze set in on our NW. coasts, accompanied by rain, which subsequently extended to all parts of the country.

DEC: 27th. The mercury had again fallen quickly in Denmark as well as at the SE^rn stations, and to a less extent on the other coasts, but in Ireland the barometer had begun to rise in the night. A well marked depression lay over Denmark and some local disturbance over the SE. of England, but gradients were not very steep. Light N^ly and NW^ly breezes set in over the whole of our Islands, while a rather strong WSW. wind was felt at several of the SE^rn stations, and ~~while~~ in France the winds were more variable. Temperature fell fast as the N^ly wind extended, the change in London at 8·30 am., when the shift occurred, amounting to 10° in a few minutes. A little more rain fell in the S. with some snow in the SE., but the weather subsequently became much clearer generally. —

Meteorological Office
116, Victoria Str^t. Westminster SW.
ROBERT H. SCOTT, Director.

Sun-day 8 a.m. WEATHER REPORT. Dec: 28th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (in shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. — (0 to 12.)	WIND. Extreme. Force. — (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. — By Beaufort Scale.	Rainfall. — In past 24 Hours.	Sea Disturbance. — 0 to 9.
Haparanda ...	29.50	+ .12	-21	-21	-17	*	*	N	2	2	SW	*	b	*	*
Hernösand ...	29.63	+ .08	5	5	-4	*	*	N	2	0	Z	*	b	*	*
Stockholm ...	29.64	+ .15	16	15	-10	*	*	W	1	2	N	*	f	*	*
Wisby	29.70	+ .14	30	13	-7	*	*	E	1	?	ENE	*	f	*	*
Christiansund ...	29.80	+ .19	31	28	-2	*	*	NNW	4	4	W	*	s	*	4
Skudesnaes ...	29.93	+ .35	28	?	-6	*	*	NNE	4	6	NNE	*	cs	*	2
Oxö (X'tiansand)	29.86	+ .37	22	24	-11	*	*	NNW	4	4	NNW	*	b	*	2
Skagen (The Skaw.)	29.80	+ .30	33	30	-5	*	*	NNE	2	*	*	*	b	*	*
Fanö	29.84	+ .34	30	30	-14	*	*	N	2	*	*	*	c	*	*
Cuxhaven ...	29.83 r	+ .16	40	36	0	?	33	N	7	9	NNW	4	sb	0.09	?
Sumburgh Head															
Stornoway (Hebrides.)	29.99 f	+ .23	33	31	0	38	25	W	2	3	N	2	pb	0.03	3
Thurso... ...	30.04 r	+ .37	27	25	-7	39	27	SW	1	5	NNE	4	cm	0.09	2
Wick	29.95 f	+ .23	30	29	-3	37	26	NW	1	5	NE	8	cq	-	5
Nairn	30.09 r	+ .33	28	28	-7	38	28	Z	0	1	W	6	cm	-	1
Aberdeen ...	30.09 r	+ .37	30	29	-5	37	30	WSW	1	2	NW	4	bc	-	1
Leith	29.97 r	+ .17	36	35	+2	39	32	W	1	2	W	8	bs	-	*
Shields... ...	30.13 r	+ .35	33	31	-2	40	31	NW	2	3	NW	0	b	-	2
York	30.16 r	+ .36	29	27	-5	41	23	NW	1	1	NW	0	b	-	*
Scarborough ...	30.16 r	+ .41	33	26	-3	40	33	W	3	3	NNW	3	cb	0.03	3
Nottingham ...	30.19 r	+ .38	26	25	-14	43	25	W	1	3	WNW	2	cf	-	*
Ardrossan ...	30.13 r	+ .30	31	29	-6	41	30	E	2	2	NW	6	bc	0.01	1
Greencastle ...	30.12 r	+ .25	35	34	-3	40	34	Z	0	4	NNW	10	q	0.06	*
Donaghadee ...	30.11 r	+ .27	33	32	-2	42	31	W	3	4	N	2	b	0.03	2
Kingstown ...	30.16 r	+ .24	35	33	-3	41	34	NW	3	5	WNW	7	bf	-	1
Holyhead ...	30.12 r	+ .29	36	36	-7	44	36	SSE	1	4	SW	6	c	-	1
Liverpool (Bidston Obs.)	30.19 r	+ .36	31	31	-9	42	30	SE	1	3	WNW	3	cb	0.22	1
Valencia ...	30.13 f	+ .10	42	40	+3	45	35	SSE	3	3	SSE	6	c	-	3
Roche's Point ...	30.17 r	+ .20	36	35	-1	44	32	N	2	3	NNW	5	bc	-	2
Pembroke ...	30.18 r	+ .26	38	37	-3	44	37	N	1	4	NNW	4	cv	-	0
Portishead ...	30.19 r	+ .33	31	31	-8	47	28	Z	0	3	NW	3	cfb	-	0
Scilly	30.17 r	+ .24	41	39	-6	47	40	Z	0	5	NNE	4	c	0.01	2
Plymouth ...	30.19 r	+ .30	34	34	-13	52	31	Z	0	3	N	3	cf	-	*
Portsmouth ...	30.22 r	+ .39	33	32	-9	44	31	N	1	5	N	7	pc	0.06	1
Dover	30.22 r	+ .41	34	33	-13	48	31	NNW	4	5	SW	0	b	0.25	3
London ...	30.20 r	+ .43	29	28	-19	48	25	W	2	4	NNW	10	sfs	0.14	*
Oxford... ...	30.21	+ .37	31	31	-6	42	31	NW	1	3	NW	10	cs	0.04	*
Cambridge ...	30.19 r	+ .40	28	27	-11	40	27	WSW	1	1	NW	0	b	-	*
Yarmouth ...	30.14 r	+ .43	35	35	-7	42	32	WNW	2	4	NW	7	rtw	0.37	3
Heider... ...				*		*	*			*	*	*	*	*	
Cape Gris Nez...	30.11 r	+ .28	38	36	-9	50	37	N	4	4	WSW	9	rs	0.32	3
Brest	30.19 r	+ .14	47	45	-3	?	36	NE	3	4	N	?	s	0.04	3
L'Orient ...	?		39	37	-9	58	36	NNE	3	4	WNW	1	cb	-	2
Rochefort ...	30.16 r	+ .06	37	35	-6	54	34	ENE	5	5	WNW	0	cb	-	3
Biarritz ...	30.06 f	- .08	46	42	-4	56	41	SE	1	4	S	7	cm	-	3
Corunna ...	30.04	- .04	45	*	-3	*	*	SE	1	*	*	*	b	*	?
Brussels ...	30.10	+ .21	36	*	-7	*	*	NNE	3	*	*	*	b	*	*
Charleville ...	30.04	- ?.03	36	*	-3	*	*	NW	3	*	*	*	c	*	*
Paris	30.13 r	+ .11	34	?	-1	45	33	WNW	3	?	?	s	-f	0.08	*
Lyons	?		44	*	-2	*	*	N	3	*	*	*	c	*	*
Toulon... ...	29.92 f	- .31	47	45	-3	51	45	W	4	4	SW	2	oc	-	4

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.70	32	29	N	?	*	?	?
Thurso ...	29.74	38	37	N	3	8	p	3
Scarborough...	29.77	38	37	NNW	3	5	c	3
Greencastle ...	29.89	40	39	NW	2	5	c	*
Holyhead ...	29.88	42	41	NW	3	5	c	3
Valencia ...	30.06	47	44	E	3	3	b	3
Scilly ...	30.00	45	41	NNE	5	5	c	4
London ...	29.82	42	40	NW	3	3	rsb	*
Rochefort ...	30.04	52	48	WSW	5	?	?	3

Pressure has now increased slightly except at Dover and Rochefort, and the colder weather has extended to all our stations. In London the wind shifted suddenly to NNW. in a squall at 8.30 am., followed by steady rain and some snow.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

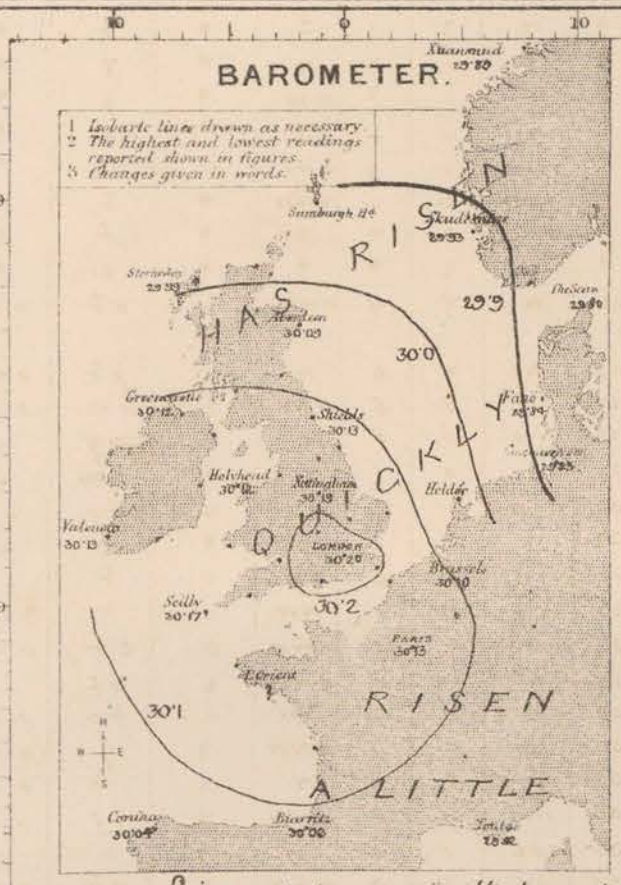
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

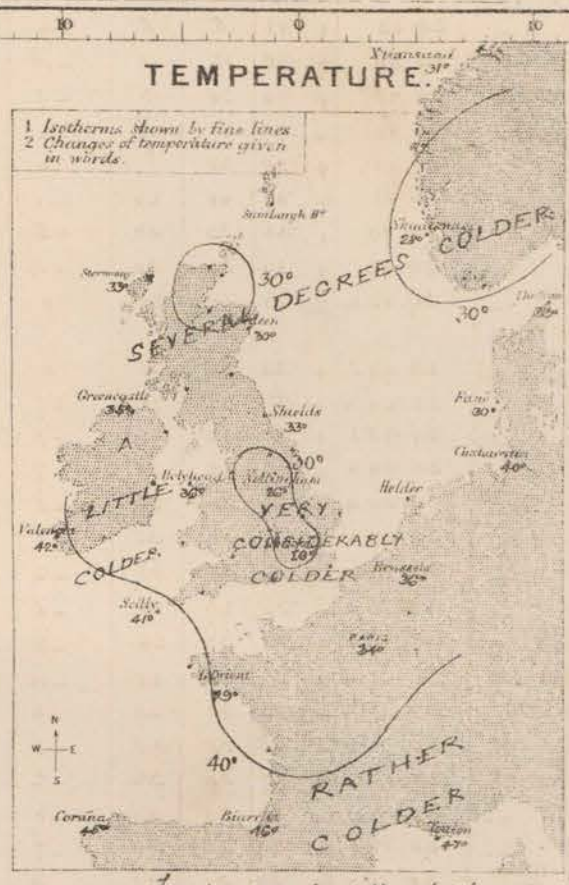
SUNDAY 28TH DECEMBER 1873 AT 8 A.M.

BAROMETER.



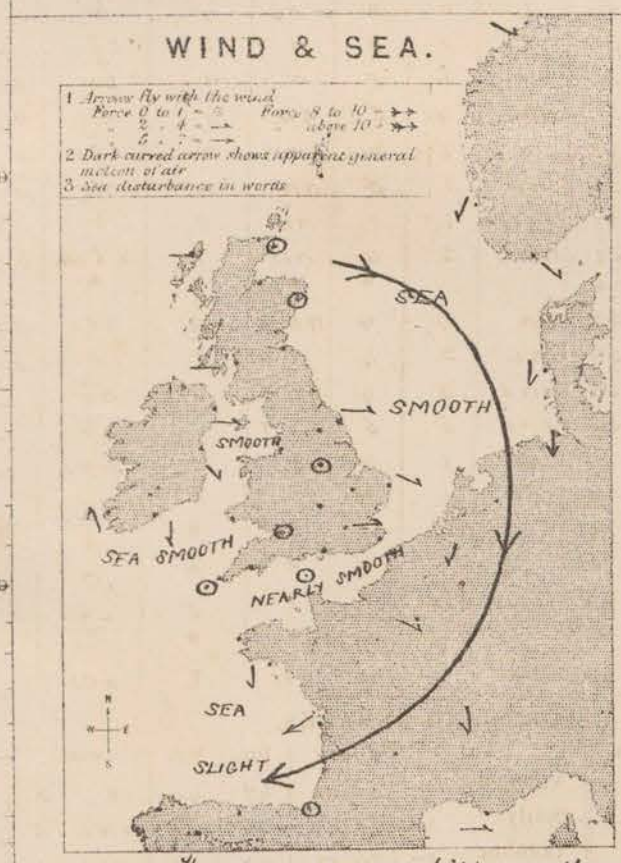
Since yesterday morning the barometer has risen again quickly in Gt. Britain and on the eastern shores of the North Sea, and to a less extent also over the remainder of north-western Europe. Pressure is consequently much more uniform generally, though the gradient from London to Cuxhaven is 0·05 in. per 50 miles.

TEMPERATURE.



Temperature has fallen at almost all stations – especially in the south east of England. In London it is 17° colder than it was yesterday morning.

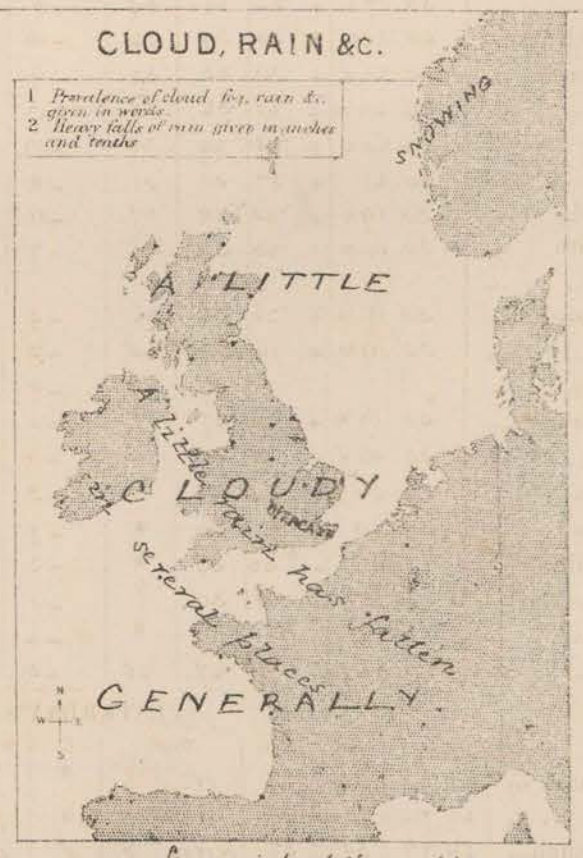
WIND & SEA.



The winds are now very light generally, and are Wly in the north and east of our Islands but Nly in Denmark, while a fresh ENE breeze is reported from Rochefort.

The sea is smooth.

CLOUD, RAIN &c.



Some rain has fallen except on our eastern coasts, and a little snow in London. The sky is rather cloudy generally, with fog in some places.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Mon-day 8 a.m. **WEATHER REPORT.** Dec: 29th 1873.

STATIONS	BAROMETER At 8 A.M. Reduced to 32° F at the Mean Sea Level	BAROMETER Change since yesterday	THERMOMETERS (In shade) At 8 A.M. Dry bulb.	THERMOMETERS At 8 A.M. Wet bulb.	THERMOMETERS Change in the dry bulb since yesterday	THERMOMETERS In past 24 hours. Max.	THERMOMETERS In past 24 hours. Min.	WIND At 8 A.M. Direc.	WIND At 8 A.M. Force (0 to 12.)	WIND Extreme. Force (0 to 12.)	WIND Extreme. Direc	Amount of Cloud 0 to 10.	Weather By Beaufort Scale.	Rainfall In past 24 Hours.	Sea Disturbance 0 to 7.
Haparanda ...	29 82	+ ·32	-12	-13	+9	*	*	NN	2	1	N	*	b	*	*
Hernösand ...	29 94	+ ·31	3	3	-2	*	*	N	2	9	9	*	b	*	*
Stockholm ...	29 99	+ ·35	15	15	-1	*	*	W	1	1	NW	*	b	*	*
Wisby	30·06	+ ·36	30	28	0	*	*	N	4	4	NE	*	cb	*	*
Christiansund ...	29 71	- ·09	15	?	-16	*	*	ESE	5	4	SSW	*	o	*	3
Skudesnaes ...	29 91	- ·02	38	38	+10	*	*	SE	8	4	ENE	*	cr	*	1
Oxö (X'tiansand)	30 05	+ ·19	27	25	-1	*	*	N	4	4	N	*	bo	*	2
Skagen (The Skaw)	30 07	+ ·27	33	30	0	*	*	NSW	2	*	*	*	b	*	*
Fanö	30 10	+ ·26	36	30	+6	*	*	SW	2	*	*	*	c	*	*
Cuxhaven ...	30. 16 n	+ ·33	38	34	-2	?	27	SSW	3	3	WSW	8	bf	-	
Sumburgh Head															
Stornoway (Hebrides.)	29. 52 f	- ·47	42	40	+9	43	31	SSW	7	7	SSW	7	gu	0.23	6
Thurso... ...	29. 56 f	- ·48	38	36	+11	39	27	S	3	3	S	7	oo	0.07	2
Wick	29. 62 f	- ·33	42	39	+12	42	27	S	3	3	SW	6	oo	0.21	2
Nairn	29 65 f	- ·44	40	37	+12	40	28	W	1	1	W	6	c	-	1
Aberdeen ...	29 74 f	- ·35	38	36	+8	38	30	S	3	3	S	6	mc	0.04	1
Leith	29 81 f	- ·16	40	39	+4	41	33	S	1	1	W	7	c	-	*
Shields... ...	29 93 f	- ·20	? 29	? 29	-4	35	29	SSW	3	3	NW	5	c	-	2
York	30 02 f	- ·14	29	28	0	36	25	S	1	1	NW	10	bf	-	*
Scarborough ...	30. 00 f	- ·16	28	28	-5	38	28	WSW	2	2	SW	7	oo	-	2
Nottingham ...	30. 05 f	- ·14	30	30	+4	34	25	S	1	4	W	7	fc	-	*
Ardrossan ...	29 76 f	- ·37	43	40	+12	46	31	SSE	4	5	SSE	6	c	-	4
Greencastle ...	29 66 f	- ·46	41	40	+6	41	34	SSE	5	5	SSE	9	g	-	*
Donaghadee ...	29 74 f	- ·37	43	41	+10	43	32	S	5	5	S	4	c	-	3
Kingstown ...	29 77 f	- ·39	44	41	+4	45	34	S	5	1	SSE	5	fc	-	4
Holyhead ...	29. 82 f	- ·30	43	42	+7	43	35	SSW	5	2	SW	6	c	0.10	3
Liverpool (Bidston Obs.)	29 95 f	- ·24	30	29	-1	43	28	SSE	3	4	SE	6	c	-	2
Valencia ...	29. 44 f	- ·69	50	48	+8	50	39	SSW	8	? 8	SSW	8	cq	0.10	7
Roche's Point ...	29 65 f	- ·52	48	46	+12	48	36	S	8	8	S	9	o	-	5
Pembroke ...	29. 86 f	- ·32	45	41	+7	46	37	S	8	7	S	9	pq	0.07	7b
Portishead ...	30. 02 f	- ·17	35	34	+4	48	26	S	3	1	NW	5	fq	-	1
Scilly	29 87 f	- ·30	47	42	+6	47	39	S	6	6	S	9	co	0.01	6
Plymouth ...	29 98 f	- ·21	42	40	+8	45	34	S	4	5	S	3	c	0.01	*
Portsmouth ...	30. 09 f	- ·13	40	37	+7	41	30	SW	4	4	SW	6	fc	-	3
Dover	30 13 f	- ·09	40	38	+6	41	30	S	4	4	NW	8	mb	-	3
London ...	30. 11 f	- ·09	26	25	-3	33	24	Z	0	2	SSE	10	owf	-	*
Oxford... ...	30. 08	- ·13	29	29	-2	31	24	? N	2	2	? N	6	fc	-	*
Cambridge ...	30 11 f	- ·08	25	25	-3	34	23	SSW	1	1	WSW	4	fc	-	*
Yarmouth ...	30. 12 f	- ·02	31	30	-4	36	25	SSW	2	3	W	3	fb	-	3
Helder... ...	30. 15		36	*		*	*	SW	5	*	*	*	*	*	2
Cape Gris Nez...	30. 14 f	+ ·03	33	33	-5	41	33	S	1	4	N	4	c	-	1
Brest	30. 00 f	- ·19	42	40	-5	49	37	SE	5	7	SE	7	o	-	4
L'Orient ...	?		39	39	0	48	37	SE	5	5	SE	5	c	-	2
Rochefort ...	30. 07 f	- ·09	30	28	-7	48	27	ENE	4	5	ENE	5	b	-	3
Biarritz ...	29 97 f	- ·09	32	30	-14	46	29	E	4	3	E	3	c	-	4
Corunna ...				*		*	*			*	*	*		*	*
Brussels ...	30. 22	+ ·12	?	*		*	*	SW	3	*	*	*	f	*	*
Charleville ...	30. 26	+ ·22	37	*	+1	*	*	NE	1	*	*	*	f	*	*
Paris	30 20 f	+ ·07	26	?	-8	41	25	SSE	1	4	NNE	10	m	-	*
Lyons	?		38	*	-6	*	*	NN	3	*	*	*	?	*	
Toulon... ...															

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry	Wet	Wind		C	Wea	Sea
Skudesnaes ...	29 70	32	29	N	?	*	?	?
Thurso ...								
Scarborough...								
Greencastle ...								*
Holyhead ...								

	Bar	Dry.	Wet.	Wind		C	Wea	Sea
Valencia ...								
Scilly ...								*
London ...								
Rochefort ...	30 20	46	41	ENE	5	c	b	3

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b blue sky; c detached clouds; d drizzling rain; f. fog; g. dark, gloomy; h hail; l. lightning; m misty (hazy); o. overcast; p. passing showers q squally r rain, s snow; t thunder; u ugly threatening; v. visibility unusual transparency, w wet, dew.

AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

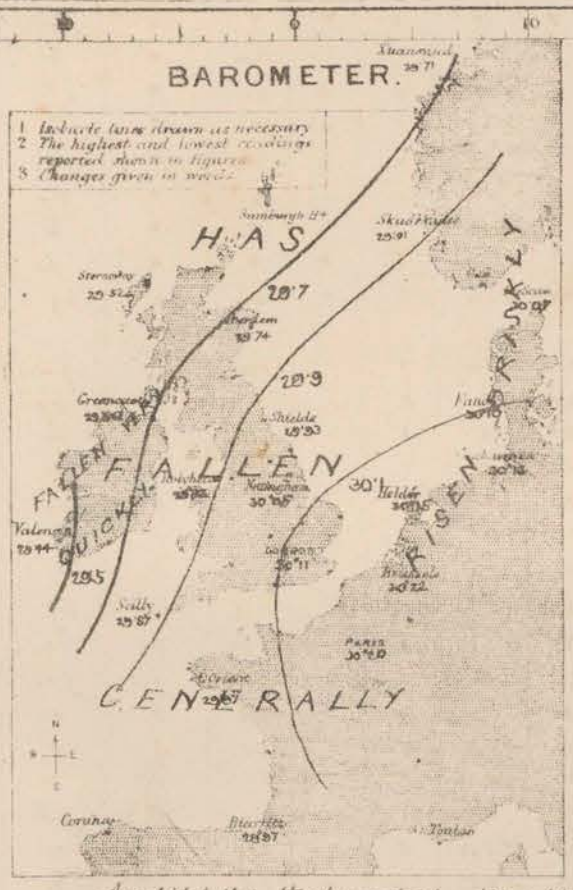
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

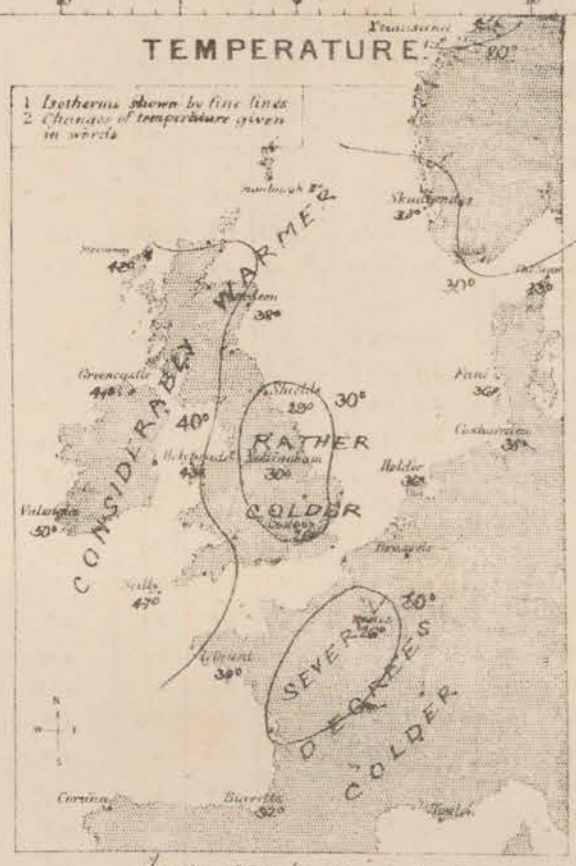
MONDAY 29th DECEMBER 1873 AT 8 A.M.

BAROMETER.



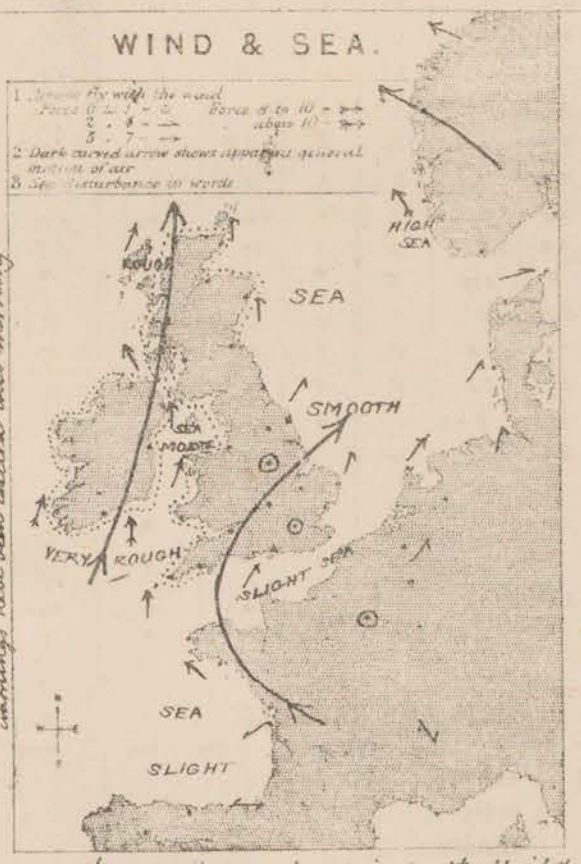
A rapid fall in the barometer has taken place along our western coasts during the past 24 hours, and extended in a less degree to our other stations, while on the eastern shores of the North Sea the rise noticed yesterday has continued. The highest readings are found over Germany and the east of France, and the gradient from Brest to Valencia is 0·09 in. per 50 miles.

TEMPERATURE.



Temperature has decreased very considerably in France and the east of England, but risen fast in the Channel as well as at our western and northern stations. London is at present more than 20° colder than our western coasts. At Christiansund the weather is very cold.

WIND & SEA.

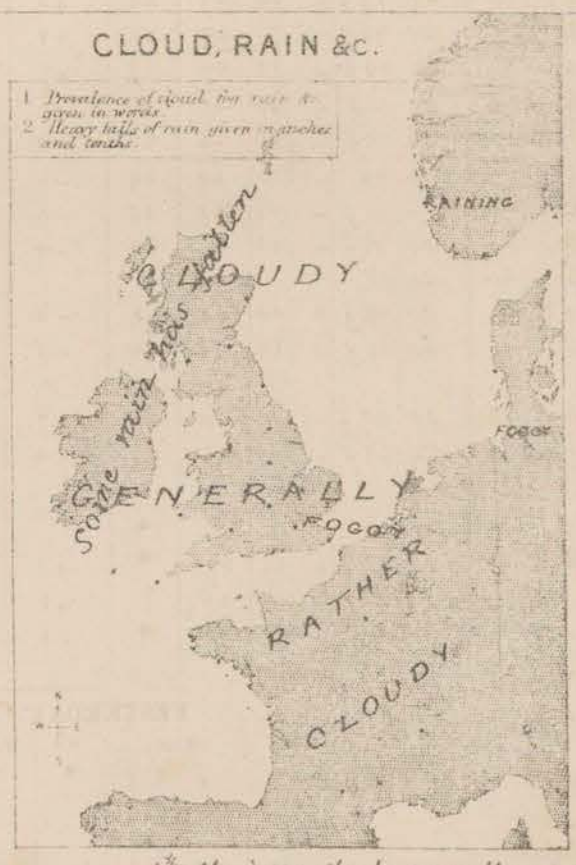


Note. A dotted line is drawn round those coasts to which warnings have been issued this morning.

S. winds have again set in over the United Kingdom, varying in force from a moderate breeze to a fresh gale in the west, while strong SE. breezes are felt in the west of Norway, and fresh winds from the same quarter in the north west of France.

The sea is very rough in the south west.

CLOUD, RAIN &c.



The sky is very cloudy generally with thick fog in London, and some rain is reported in the west and north.

Warnings issued to the west and north coasts.

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Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Tues. day 8 a.m. **WEATHER REPORT.** Dec: 30th 1873.

STATIONS.	BAROMETER. At 8 A.M. — Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extremes. Force. (0 to 12.)	WIND. Extremes. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29.80	− .02	5	5	+17	*	*	SW	2	2	E	*	bo	*	*
Hernösand ...	29.83	− .11	8	8	+5	*	*	E	0	0	E	*	c	*	*
Stockholm ...	29.94	− .05	33	32	+18	*	*	SSW	4	2	WSW	*	oc	*	*
Wisby	30.16	+ .10	37	34	+7	*	*	WNW	6	2	NE	*	bo	*	*
Christiansund ...	29.50	− .21	38	36	+23	*	*	ESE	2	4	SSW	*	oc	*	3
Skudesnaes ...	29.78	− .13	42	38	+4	*	*	S	8	6	S	*	oc	*	7
Oxö (X'tiansand)	29.96	− .09	41	37	+14	*	*	SW	6	6	SW	*	co	*	5
Skagen (The Skaw)	30.06	− .01	32	31	−1	*	*	WSW	8	*	*	*	c	*	*
Fanö	30.11	+ .01	32	31	−4	*	*	SSW	6	*	*	*	c	*	*
Cuxhaven ...	30.22f	+ .06	24	21	−14	?	22	S	4	4	SSW	2	?	0.25	?
Sumburgh Head															
Stornoway (Hebrides.)	28.94f	− .58	48	47	+6	48	40	SSW	6	10	SSW	10	d	0.16	7
Thurso... ...	29.04f	− .52	43	40	+5	43	37	SSW	6	6	SSW	5	c	-	3
Wick	29.12f	− .50	44	41	+2	?	39	SSW	6	7	SSW	8	o	-	3
Nairn	29.12f	− .53	45	40	+5	45	39	SSW	6	9	SSW	0	cb	-	2
Aberdeen ...	29.36f	− .38	41	40	+3	42	37	SSW	8	8	SSW	10	cqo	0.12	6
Leith	29.39f	− .42	45	43	+5	47	38	W	6	2	S	4	c	-	*
Shields... ...	29.65f	− .28	34	33	+5	35	29	SSW	5	6	SW	5	c	-	3
York	29.76f	− .26	32	31	+3	38	28	S	2	2	S	6	c	-	*
Scarborough ...	29.76f	− .24	32	32	+4	36	28	SW	4	3	SSW	3	cb	-	4
Nottingham ...	29.85f	− .20	32	31	+2	41	30	SSW	2	5	S	1	bv	-	*
Ardrossan ...	29.37f	− .39	50	47	+7	50	43	SSW	6	8	S	8	o	-	6
Greencastle ...	29.34f	− .32	46	45	+5	47	40	SW	7	8	S	10	q	0.02	*
Donaghadee ...	29.41f	− .33	47	45	+4	48	43	SSW	7	8	SSW	8	c	0.02	5
Kingstown ...	29.51f	− .26	48	44	+4	50	43	S	3	7	S	7	qw	0.10	3
Holyhead ...	29.56f	− .26	47	46	+4	47	40	SW	7	10	SW	10	dqw	0.10	5
Liverpool (Bidston Obs.)	29.68f	− .27	36	35	+6	37	30	SE	5	5	SE	9	co	-	3
Valencia ...	29.46r	+ .02	48	45	−2	54	44	SW	5	10	SSW	7	ro	0.25	6
Roche's Point ...	29.51r	− .14	49	48	+1	50	47	W	5	9	S	9	o	0.02	5
Pembroke ...	29.64f	− .22	49	48	+4	49	44	SSW	8	9	SSE	10	ow	0.04	6
Portishead ...	29.79f	− .23	40	38	+5	43	32	S	6	6	ESE	7	vq	-	3
Scilly	29.73r	− .14	50	50	+3	51	46	SSW	5	8	SSE	8	qo	0.08	6
Plymouth ...	29.80f	− .18	48	47	+6	48	39	S	4	6	SSE	10	co	-	*
Portsmouth ...	29.91f	− .18	40	37	0	41	35	SW	4	5	SW	0	b	-	3
Dover	29.97f	− .16	35	33	−5	42	33	SSW	5	5	S	2	b	-	4
London ...	29.93f	− .18	33	32	+7	40	26	SE	2	4	SSE	1	fcb	-	*
Oxford... ...	? 29.81	− .27	31	30	+2	37	29	S	1	2	E	0	b	-	*
Cambridge ...	29.93f	− .18	29	28	+4	38	25	S	1	1	S	0	b	-	
Yarmouth ...	29.96f	− .16	34	33	+3	37	30	S	4	5	S	3	cb	0.01	3
Helder	30.08	− .07	29	*	−7	*	*	SSE	5	*	*	*	*	*	2
Cape Gris Nez...	?		28	?	−5	39	26	S	5	3	S	0	b	-	?
Brest	29.80f	− .20	43	41	+1	44	38	SSE	4	5	SE	4	ow	-	5
L'Orient ...	? 29.87r		35	35	−4	44	33	SE	4	5	SE	2	cb	-	3
Rochefort ...	30.01r	− .06	34	30	+4	40	28	SE.	5	5	SE	0	b	-	3
Biarritz ...	29.98r	+ .01	37	35	+5	48	32	SE	3	4	E	0	b	-	4
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	30.09	− .13	30	*	?	*	*	ESE	3	*	*	*	b	*	*
Charleville ...	?		25	*	−12	*	*	SE	1	*	*	*	b	*	*
Paris	30.08	− .12	25		−1	35	24	SE	1	3	SE	0	b	-	*
Lyons	?		36	*	−2	*	*	N	3	*	*	*	b	*	
Toulon... ...	30.10r	+ .20	42	37	0	47	36	E	7	4	NW	9	co	-	5

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29.88	42	36	S	6	*	o	7
Thurso ...	29.53	41	39	SSW	3	5	c	2
Scarborough...	29.94	35	34	SSW	3	6	c	3
Greencastle ...	29.55	44	42	SSE	7	5	c	*
Holyhead ...	29.74	43	41	SSW	6	6	c	3
Valencia ...	29.34	50	48	SSW	8	9	q	8
Scilly ...	29.73	48	44	SSE	8	8	o	7
London ...	30.06	38	36	SSE	3	2	fb	*
Rochefort ...	30.00	39	34	SE	5	0	b	3

The barometer continues to fall in all places and the S^ly gale has extended to Scilly.— Warning have been issued to the remainder of our S. coast this afternoon.—

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. wet, dew

* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

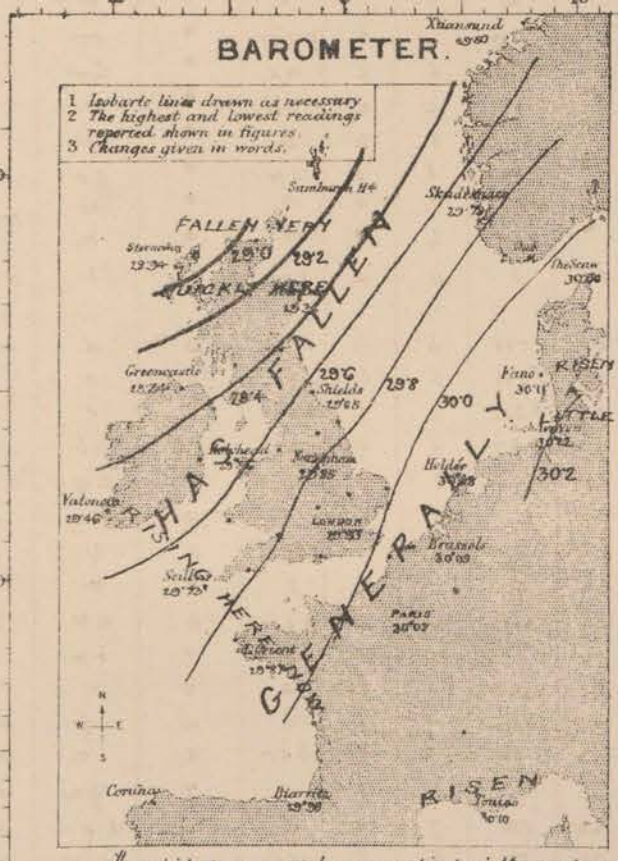
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

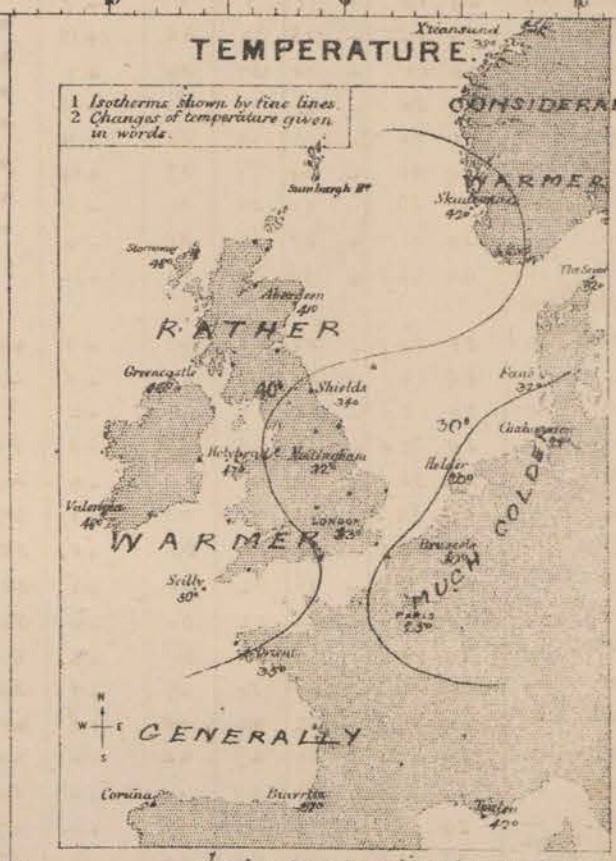
TUESDAY 30TH DECEMBER 1873 AT 8 A.M.

BAROMETER.



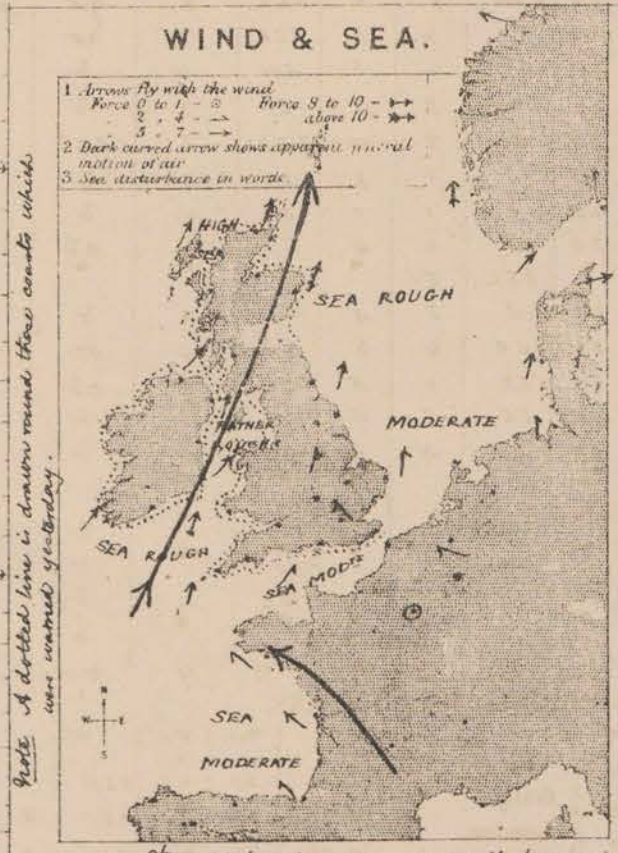
The rapid decrease of pressure noticed in the west yesterday has travelled to the N.W. and extended in a less degree to all stations except Denmark and the south of France. There appears to be a deep depression lying off the north-west coast of Scotland, while the highest readings are reported from France and the north of Germany. The gradient from Paris to Holyhead is 0·085 in. while that from Scarboro' to Stornoway is 0·135 in. per 50 miles.

TEMPERATURE.



Temperature has risen throughout our Islands and Norway — very rapidly in Norway — but fallen considerably in the Netherlands and north-east of France, where the weather is now very cold.

WIND & SEA.



Note. A dotted line is drawn round those coasts which were warned yesterday.

Storms warned this morning.

S by or SSW. winds are now generally prevalent in the United Kingdom and over the North Sea. In force they are light to moderate at the eastern stations, but blow a moderate to fresh gale in the west and north. In France the wind is light from the SE.

The sea is moderate on the southern and eastern coasts, rough in the west and north.

CLOUD, RAIN &c.

A little rain has fallen in the west and north west. The sky is now clear over France, Holland, central and eastern England, very cloudy elsewhere.

Warnings were issued to all but the east coast yesterday. Storms lowered in the south and west this morning.

Subscription for these Charts payable in advance to cover delivery.
Delivery by hand 10/ per quarter
" " " book post 5/ per quarter.

Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

Wednesday 8 a.m. **WEATHER REPORT.** Decr 31st 1873.

STATIONS	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade) At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
Haparanda ...	29·53	−·27	29	28	+24	*	*	S	2	4	S	*	ob	*	*
Hernösand ...	29·62	−·21	30	29	+22	*	*	SW	6	4	SW	*	c	*	*
Stockholm ...	29·90	−·04	29	28	−4	*	*	SSW	4	6	SW	*	ob	*	*
Wisby	30·07	−·09	31	30	−6	*	*	SW	4	6	SW	*	cb	*	*
Christiansund ...	29·14	−·36	45	41	+7	*	*	SE	6	2	SSW	*	co	*	4
Skudesnaes ...	29·30	−·48	44	43	+2	*	*	SSW	10	10	S	*	or	*	8
Oxö (X'tiansand)	29·56	−·40	38	37	−3	*	*	S	8	8	S	*	co	*	7
Skagen (The Skaw)	?29·33	−·43?	35	33	+3	*	*	SSW	8	*	*	*	b	*	*
Fanö	29·69	−·42	31	30	−1	*	*	S	8	*	*	*	c	*	*
Cuxhaven ...	29·80f	−·42	27	26	+3	?	21	S	4	4	S	5	bc	—	
Sumburgh Head															
Stornoway (Hebrides.)	28·78f	−·16	41	40	−7	48	40	SW	4	?	SSW	9	rlp	0·35	6
Thurso... ...	28·82f	−·22	40	39	−3	47	39	S	2	6	SSW	3	ow		2
Wick	28·89f	−·23	43	41	−1	47	41	SSW	2	7	SSW	2	ob		4
Nairn	28·92f	−·20	42	41	−3	47	40	SSW	4	6	SSW	10	or	0·04	2
Aberdeen ...	29·05f	−·31	43	41	+2	44	41	SSW	2	8	S	1	qb	0·06	4
Leith	29·15f	−·24	44	43	−1	50	33	SW	4	4	SW	2	cpb	0·06	*
Shields... ...	29·31f	−·34	43	41	+9	?44	34	SW	3	7	SSW	8	co	0·02	3
York	29·39f	−·37	42	41	+10	47	32	S	1	2	S	3	qc	0·05	*
Scarborough ...	29·39f	−·37	43	43	+11	45	32	SSW	3	6	S	2	ob	0·04	3
Nottingham ...	29·47f	−·38	44	43	+12	48	32	SSW	3	7	S	3	ow	0·03	*
Ardrossan ...	29·17f	−·20	47	43	−3	50	47	SW	6	7	SSW	3	cq	0·32	6
Greencastle ...	29·16r	−·18	43	42	−3	46	43	W	3	7	SSW	9	qp	0·05	*
Donaghadee ...	29·22r	−·19	41	39	−6	47	41	SSW	6	7	SSW	2	b	0·10	5
Kingstown ...	29·32r	−·19	45	41	−3	50	45	W	6	7	S	2	ob	0·06	4
Holyhead ...	29·34s	−·22	46	44	−1	51	45	SW	4	7	SW	2	wb	0·26	4
Liverpool (Bidston Obs.)	29·40f	−·28	45	42	+9	49	36	W	2	5	SE	3	ob	0·12	2
Valencia ...	29·49r	+·03	47	45	−1	52	42	W	6	6	W	6	c	0·82	6
Roche's Point ...	29·44r	−·07	48	46	−1	50	42	WSW	4	8	SSW	4	oc	0·45	4
Pembroke ...	29·45s	−·19	49	45	0	50	47	W	6	7	SW	4	qv	0·33	4
Portishead ...	29·57f	−·28	45	44	+5	50	38	WSW	4	7	S	7	qq	0·08	4
Scilly	29·59r	−·14	49	47	−1	51	47	WSW	5	6	SSW	7	ow	0·26	6
Plymouth ...	29·56f	−·24	47	47	−1	52	46	SW	2	8	S	3	qf	0·43	*
Portsmouth ...	29·62f	−·29	42	41	+2	48	37	SW	4	7	SW	6	oc	0·25	3
Dover	29·60f	−·37	47	42	+12	48	34	SW	6	6	WSW	7	cw	0·04	5
London ...	29·54f	−·39	48	47	+15	50	33	SW	3	8	SW	3	cqb	0·08	*
Oxford... ...	29·53	−·28	46	45	+15	48	30	SW	3	6	SW	2	ob	0·10	*
Cambridge ...	29·52f	−·41	45	45	+16	47	28	SW	2	3	SSW	10	cro	0·10	*
Yarmouth ...	29·55f	−·41	45	45	+11	46	34	SSW	5	6	S	8	bo	0·05	4
Helder... ...	29·66	−·42	35	*	+6	*	*	S	6	*	*	*	*	*	4
Cape Gris Nez...	29·63f	?	45	43	+17	?	28	SSW	7	5	S	10	co	—	5
Brest	29·71f	−·09	51	49	+8	53	41	WNW	5	8	SSW	10	rf	0·20	5
L'Orient ...	?29·69f	−·18?	50	50	+15	54	?	W	5	7	SW	8	r	0·24	6
Rochefort ...	29·93f	−·08	43	41	+9	46	30	S	5	5	SE	10	br	—	3
Biarritz ...	29·46f	−·02	53	50	+18	?	?	S	4	3	SE	8	cr	—	6
Corunna ...				*		*	*			*	*	*		*	
Brussels ...	29·72	−·37	41	*	+11	*	*	SW	3	*	*	*	b	*	*
Charleville ...	?	?	28	*	+3	*	*	SSE	3	*	*	*	c	*	*
Paris	29·86f	−·29	38	?	+13	?	?	S	4	4	S	10	bo	—	*
Lyons	?	?	41	*	+5	*	*	SE	3	*	*	*	b	*	*
Toulon... ...															

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		C.	Wea.	Sea.
Skudesnaes ...	29·62	40	39	S	10	*	r	8
Thurso ...	29·06	45	44	SSW	3	8	q	2
Scarborough...	29·64	36	35	S	3	10	o	3
Greencastle ...	29·23	45	43	SSW	7	10	q	*
Holyhead ...	29·44	48	47	SSW	4	10	m	4

	Bar.	Dry.	Wet.	Wind		C.	Wea.	Sea.
Valencia ...	29·28	49	49	SSW	5	9	r	5
Scilly ...	29·62	50	49	SSW	6	9	o	7
London ...	29·87	41	39	S	3	6	bo	*
Rochefort ...	30·04	45	40	SE	5	0	b	3

Pressure has begun to decrease again in the south of Ireland, and the wind has backed to SSW, with rain. The weather is very unsettled. Warnings re-issued to our west and south coasts.

EXPLANATION OF COLUMNS.

BAROMETER.—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER**: *Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency. w. wet. dew

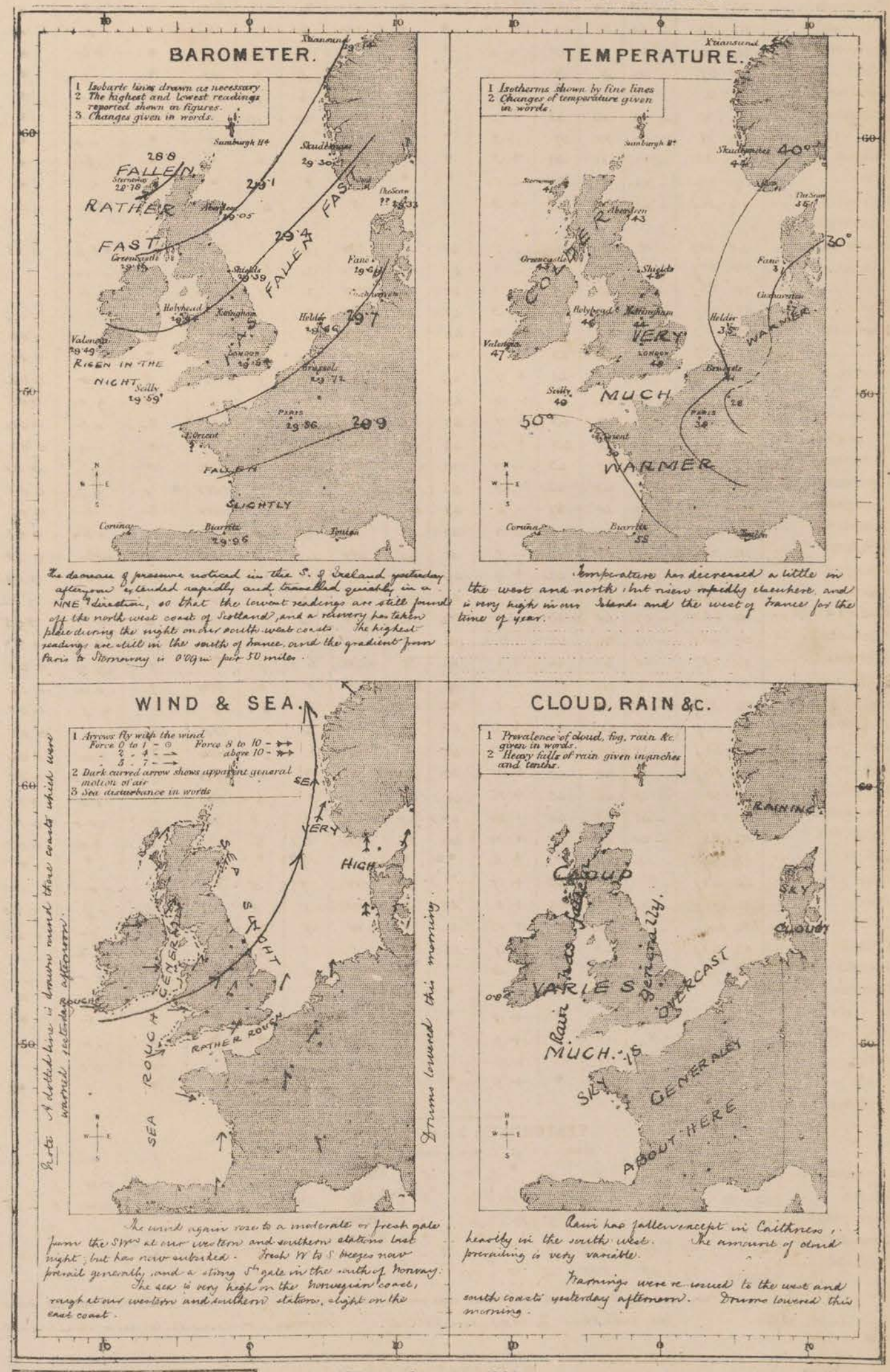
* AN ASTERISK is inserted in all places for which no information is received. The "extreme" wind for the Swedish and Norwegian Stations is an observation taken at 8 p.m.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 31ST DECEMBER 1873 AT 8 A.M.



The decrease of pressure noticed in the S. of Ireland yesterday afternoon extended rapidly and travelled quickly in a NNE direction, so that the lowest readings are still found off the north west coast of Scotland, and a recovery has taken place during the night on the south west coasts. The highest readings are still in the south of France, and the gradient from Paris to Stornoway is 0·09in per 50 miles.

Temperature has decreased a little in the west and north but risen rapidly elsewhere, and is very high in our Islands and the west of France for the time of year.

The wind again rose to a moderate or fresh gale from the S'ward at our western and southern stations last night; but has now subsided. Fresh W to S breezes now prevail generally, and a strong S'ly gale in the south of Norway.

The sea is very high on the Norwegian coast, rough at our western and southern stations, slight on the east coast.

Rain has fallen except in Caithness, heavily in the south west. The amount of cloud prevailing is very variable.

Warnings were issued to the west and south coasts yesterday afternoon. Drums lowered this morning.

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Delivery by hand 10/ per quarter.
—— . book post 5/ per quarter.

Meteorological Office
116, Victoria Strt. Westminster S.W.
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR DEC^R 1873.

I. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE	STATIONS	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
1st	Sumburgh H.	29·60f	−·02	42	42	+6	46	38	WSW	7	4	N	10	cr	0·19	7
"	Stornoway	29·77f	−·05	51	50	+17	57	32	W	4	1	WNW	10	d	0·08	0
"	Toulon	29·95f	−·04	44	39	−7	53	44	NW	8	8	NW	2	fb	—	6
2nd	Sumburgh H.	30·00r	+·40	45	44	+3	48	42	NW	8	7	W	7	rq	0·31	7
"	Paris	30·62s	+·03	37	*	0	45	34	SE	1	3	NW	10	bm	—	*
3rd	Sumburgh H.	29·96f	−·04	47	47	+2	49	44	W	8	7	W	10	pr	0·08	7
"	Corunna	30·36	−·12	48	*	0	*	*	NE	3	*	*	*	b	*	2
"	Toulon	30·25r	+·02	53	42	+6	57	46	NE	4	3	NW	3	cb	*	2
4th	Sumburgh H.	30·34r	+·38	46	45	−1	49	41	NNE	3	8	W	10	ro	0·20	4
"	Corunna	30·40	+·04	46	*	−2	*	*	NE	3	*	*	*	b	*	2
5th	Sumburgh H.	29·82f	−·52	43	41	−3	45	38	NNW	8	5	SSE	6	rw	0·53	8
"	Corunna	30·36	−·04	45	*	−1	*	*	SW	3	*	*	*	c	*	2
6th	Christiansund	30·05	+·96	33	33	−6	*	*	ESE	2	2	N	*	cb	*	5
"	Skagen	30·08	+·20	39	33	−7	*	*	NE	6	*	*	*	b	*	*
"	Sumburgh H.	30·24r	+·42	40	39	−3	44	36	N	4	8	NNW	5	c	*	5
"	Corunna	30·40	+·04	46	*	+1	*	*	SW	3	*	*	*	f	*	2
"	Toulon	30·19f	−·19	48	43	+1	54	45	NE	1	5	SE	2	fb	—	2
7th	Sumburgh H.	29·88f	−·36	45	44	+5	49	40	WSW	7	7	W	8	o	—	6
8th	Haparanda	30·11	?	36	36	?	*	*	SW	4	6	SW	*	c	*	*
"	Hernosand	30·34	?	41	38	?	*	*	WSW	4	4	SW	*	b	*	*
"	Stockholm	29·81	?	44	41	?	*	*	W	8	6	W	*	c	*	*
"	Wisby	30·12	?	40	39	?	*	*	W	6	6	SW	*	co	*	*
"	Skagen	30·13	−·22	47	46	+9	*	*	W	6	*	*	*	o	*	*
"	Sumburgh H.	29·85r	−·03	49	49	+4	57	46	W	8	8	W	10	pr	0·10	7
9th	Skagen	30·12	−·01	47	45	0	*	*	WNW	10	*	*	*	o	*	*
"	Sumburgh H.	29·97r	+·12	43	43	−6	57	41	NW	4	8	W	10	r	0·20	6
10th	Skagen	30·10	−·02	46	45	−1	*	*	NNW	8	*	*	*	b	*	*
"	Sumburgh H.	30·25r	+·28	40	40	−3	57	39	NW	3	4	W	8	ro	0·31	4
"	Corunna	30·26	−·04	43	*	0	*	*	SE	3	*	*	*	c	*	2
"	Toulon	30·30f	−·10	44	39	−1	52	43	N	1	4	E	2	b	—	3
11th	Skagen	30·26	+·16	45	45	−1	*	*	W	6	*	*	*	o	*	*
"	Sumburgh H.	30·26r	+·01	46	46	+6	57	39	WNW	4	4	S	10	ro	0·32	4
12th	Sumburgh H.	30·36r	+·10	45	45	−1	49	41	S	4	4	WNW	10	o	—	4
"	Corunna	30·36	?	59	*	?	*	*	NE	?	*	*	*	b	*	2
13th	Sumburgh H.	30·23f	−·13	47	47	+2	50	44	W	4	4	SSW	10	r	0·13	5
"	Corunna	30·08	−·28	39	*	−20	*	*	NE	3	*	*	*	?	*	?
14th	Sumburgh H.	30·12f	−·11	45	45	−2	50	44	WNW	5	5	WNW	10	ro	0·11	4
15th	Sumburgh H.	29·57f	−·61	43	43	−2	47	40	WSW	6	5	W	10	od	0·13	5
"	Portsmouth	30·26r	−·24	41	40	+5	41	37	SW	1	6	SSW	10	do	0·03	1
"	Corunna	30·36	−·04	41	*	+2	*	*	NE	3	*	*	*	c	*	2
16th	Haparanda	28·89	−·54	33	33	+6	*	*	SW	?	2	SE	*	?	*	*
"	Hernosand	28·82	−·78	34	33	−3	*	*	SW	2	0	Z	*	c	*	*
"	Stockholm	29·15	−·35	41	?	+6	*	*	SW	6	2	W	*	o	*	*
"	Wisby	29·44	−·42	40	39	−1	*	*	WSW	6	6	W	*	co	*	*
"	Christiansund	28·64	−1·07	39	36	−6	*	*	E	6	6	SE	*	ob	*	4
"	Skudesnaes	28·64	−1·25	48	44	+4	*	*	WSW	10	6	W	*	cr	*	7
"	Oxö	28·74	−1·19	47	46	+3	*	*	SW	10	10	WSW	*	r	*	8
"	Skagen	28·89	−1·04	44	44	0	*	*	SW	8	*	*	*	f	*	*
"	Yanö	29·23	−0·87	48	47	+4	*	*	SW	8	*	*	*	o	*	*
"	Sumburgh H.	28·44f	−1·07	44	44	+1	48	42	WNW	7	7	W	10	r	0·92	7
"	Stornoway	29·02f	−·47	51	46	+8	53	31	W	11	11	W	10	rq	0·44	8
"	Shetts	28·77f	−·80	48	46	+4	53	38	W	9	8	WSW	8	oqp	0·16	5
"	Wick	28·76f	−·79	47	47	+1	52	38	NW	9	9	NW	10	rd	0·11	2
"	Portsmouth	29·97f	−·29	52	51	+11	54	39	WSW	8	9	SSW	10	o	0·05	7
"	Corunna	30·40	+·04	45	*	+4	*	*	NE	3	*	*	*	b	*	2
17th	Haparanda	28·80	−·09	22	22	−11	*	*	N	8	6	N	*	o	*	*
"	Hernosand	28·86	+·04	24	22	−10	*	*	N	8	2	N	*	b	*	*
"	Stockholm	28·75	−·40	32	32	−9	*	*	N	2	4	NNW	*	s	*	*
"	Wisby	28·88	−·56	38	36	−2	*	*	N	8	6	SW	*	ro	*	*
"	Christiansund	29·39	+·75	39	36	0	*	*	?	?	6	NNW	*	r	*	?
"	Skudesnaes	29·77	+1·13	43	40	−5	*	*	WNW	10	10	NNW	*	o	*	8
"	Oxö	29·34	+·60	41	39	−6	*	*	NW	6	8	NNW	*	c	*	4
"	Yanö	29·55	+·32	44	43	−4	*	*	NW	10	*	*	*	r	*	*
"	Sumburgh H.	29·91r	+1·27	43	42	−1	47	41	NNW	4	7	NNW	5	oc	—	5
"	Stornoway	29·85r	+·83	38	38	−13	47	35	W	1	11	W	1	pb	0·06	3
"	Shetts	29·82r	+1·11	43	41	−5	49	42	SW	1	9	W	7	pc	0·15	3
"	Wick	29·85r	+1·09	39	39	−8	47	37	Z	0	?	NW	?	po	0·08	0
18th	Skagen	29·67	?	41	40	?	*	*	WSW	4	*	*	*	o	*	*
"	Yanö	29·80	+·25	46	46	+2	*	*	WSW	6	*	*	*	r	*	*
"	Sumburgh H.	29·53r	−·18	43	42	0	48	42	WNW	6	4	SSW	6	p	0·07	6
"	Stornoway	29·77r	−·08	40	37	+2	51	36	SW	2	7	SW	5	oc	0·02	4

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY (*continued*).

DATE	STATIONS	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	THERMOMETERS. (In shade). At 8 A.M. Dry bulb.	THERMOMETERS. At 8 A.M. Wet bulb.	THERMOMETERS. Change in the dry bulb since yesterday.	THERMOMETERS. In past 24 hours. Max.	THERMOMETERS. In past 24 hours. Min.	WIND. At 8 A.M. Direc.	WIND. At 8 A.M. Force. (0 to 12.)	WIND. Extreme. Force. (0 to 12.)	WIND. Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
18th	Thurso	29·675	-·15	43	40	0	53	42	W	5	5	WSW	5	plc	0·03	4
"	Wick	29·75r	-·10	40	37	+1	49	37	SW	2	6	SE	4	gc	—	0
"	Corunna	30·28	?	45	*	?	*	*	NE	3	*	*	*	?	*	5
19th	Skagen	29·77	+·10	45	42	+4	*	*	W	6	*	*	*	b	*	*
"	Paris	29·93	+·13	43	42	-3	*	*	WSW	4	*	*	*	c	*	*
"	Sumburgh Hd	29·40f	-·13	43	42	0	45	41	W	8	8	WNW	6	p	0·07	7
"	Corunna	30·20	-·08	50	*	+5	*	*	SW	3	*	*	*	o	*	2
20th	Sumburgh Hd	29·26f	-·14	38	38	-5	45	36	W	6	7	W	6	p	0·09	7
"	Toulon	30·12f	+·01	49	47	+1	52	48	SW	1	5	?SSW	9	o	—	3
21st	Sumburgh Hd	29·36r	+·10	42	42	+4	42	38	SW	3	6	W	10	pr	0·15	6
22nd	Sumburgh Hd	28·96f	-·40	37	36	-5	46	34	WNW	10	4	SSW	10	rsq	0·23	7
"	Corunna	30·28	-·04	45	*	-9	*	*	NE	3	*	*	*	b	*	7
23rd	Sumburgh Hd	29·48r	+·52	37	37	0	39	32	NNW	8	9	NNW	7	p	0·06	8
"	Wick	29·63r	+·34	35	33	-3	37	32	W	2	8	WNW	10	psr	0·14	0
"	Corunna	30·32	+·04	43	*	-2	*	*	NE	?	*	*	*	?	*	9
"	Toulon	30·23s	+·01	48	44	0	52	46	NW	3	4	E	2	?	—	3
24th	Sumburgh Hd	29·92r	+·44	36	35	-1	39	32	N	4	4	N	5	pc	0·05	5
"	Stornoway	30·09r	+·37	35	34	0	38	32	N	1	1	N	7	c	0·26	1
"	Thurso	29·99r	+·37	34	32	-4	40	33	SW	2	4	ENE	7	oc	0·05	3
"	Wick	30·04r	+·41	34	32	-1	35	28	W	1	3	W	6	c	0·08	0
"	Brussels	30·22	+·08	37	*	+12	*	*	NW	6	*	*	*	r	*	*
"	Paris	30·24f	-·05	46	*	+2	47	40	SW	4	4	SW	10	br	—	*
25th	Sumburgh Hd	29·68f	-·24	45	45	+9	45	35	W	6	3	N	10	cr	0·16	5
"	Pembroke	30·28f	+·05	50	48	+1	50	47	WSW	1	2	WNW	10	cr	—	1
26th	Sumburgh Hd	29·67s	-·01	40	40	-5	47	39	W	4	4	W	8	og	—	4
"	Corunna	30·16	-·08	45	*	+3	*	*	SE	6	*	*	*	b	*	2
27th	Sumburgh Hd	29·65f	-·02	35	35	-5	42	32	SE	3	4	W	7	op	0·04	4
"	Corunna	30·08	-·08	48	*	+3	*	*	S	3	*	*	*	c	*	2
28th	Sumburgh Hd	29·97r	+·32	32	31	-3	35	28	N	2	5	NNW	5	sc	0·07	4
29th	Sumburgh Hd	29·62f	-·35	41	41	+9	41	32	WSW	4	4	W	10	or	0·17	5
"	Corunna	29·84	-·20	43	*	-2	*	*	SE	3	*	*	*	b	*	2
"	Toulon	29·90r	-·02	42	38	-5	52	31	NE	1	5	NW	2	cb	—	2
30th	Sumburgh Hd	29·11f	-·51	40	40	-1	42	37	SSW	6	5	SSW	10	r	0·14	7
"	Corunna	29·92	+·08	45	*	+2	*	*	NE	3	*	*	*	b	*	2
31st	Sumburgh Hd	28·87f	-·24	44	44	+4	44	30	SSW	6	6	SSW	9	og	0·05	7
"	Corunna	30·00	+·08	50	*	+5	*	*	SW	3	*	*	*	or	*	7
"	Toulon	30·19f	+·09	39	37	-3	43	38	E	4	7	E	10	o	—	5

2. CORRECTIONS.

DATE	STATIONS	BAROMETER. At 8 A.M. Reduced to 32° F. at the Mean Sea Level.	BAROMETER. Change since yesterday.	At 8 A.M. Dry bulb.	At 8 A.M. Wet bulb.	Change in the dry bulb since yesterday.	In past 24 hours. Max.	In past 24 hours. Min.	At 8 A.M. Direc.	At 8 A.M. Force. (0 to 12.)	Extreme. Force. (0 to 12.)	Extreme. Direc.	Amount of Cloud 0 to 10.	Weather. By Beaufort Scale.	Rainfall. In past 24 Hours.	Sea Disturbance. 0 to 9.
1st	Thurso	—	—	—	—	—	—	—	—	—	—	N	—	—	—	—
"	Donaghadee	—	+·34	—	—	—	—	—	—	—	—	—	—	—	—	—
2nd	Thurso	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—
"	Aberdeen	—	—	—	—	—	—	—	—	—	—	SSW	—	—	—	—
"	York	—	—	—	—	—	—	—	—	—	—	SW	—	—	—	—
"	Donaghadee	—	—	—	—	—	53	48	—	—	—	—	—	—	—	—
"	Holyhead	—	—	—	—	—	—	—	SW	—	—	SW	—	—	—	—
"	Liverpool	—	—	—	—	—	—	—	WSW	—	—	—	—	—	—	—
"	Portsmouth	—	—	49	48	+8	—	—	—	—	—	—	—	—	—	—
3rd	Stornoway	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—
"	Holyhead	—	—	—	—	—	54	—	—	—	—	—	—	—	—	—
"	Portsmouth	—	—	—	—	-1	—	46	—	—	—	—	—	—	—	—
4th	Stornoway	—	—	—	—	—	—	—	—	—	—	W	—	dr	—	—
"	Cambridge	30·62r	-·04	—	—	—	—	—	—	—	—	—	—	—	—	—
5th	Cambridge	—	-·17	—	—	—	—	—	—	—	—	—	—	—	—	—
8th	Shields	—	—	—	—	—	—	—	—	4	—	—	—	—	—	—
9th	Stornoway	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—
11th	Stornoway	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2pm	Scilly	—	—	49	47	—	—	—	—	—	—	—	—	pc	0·10	—
5.2pm	Thurso	29·49	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6.2pm	Holyhead	—	—	51	49	—	—	—	—	—	—	—	—	—	—	—
8th	York	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—
10th	Leith	—	—	—	—	—	—	38	—	—	—	—	—	—	—	—
24th	Liverpool	—	—	—	—	—	—	—	—	—	—	—	8	—	—	—
30th	Plymouth	—	—	—	—	—	—	—	N	—	—	—	—	—	—	—
24th	Kingstown	30·32	+·26	—	—	—	—	—	—	—	—	—	—	—	—	—
5th	York	—	—	43	42	—	—	—	—	—	—	—	—	—	—	—
6th	Stornoway	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
"	Dover	—	—	—	—	—	—	—	SSW	—	—	—	—	—	—	—
7th	Portsmouth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2pm	Skudesnes	29·94	—	33	32	—	—	—	E	4	—	—	—	—	—	4
1st	Stornoway	—	—	—	—	—	—	—	—	—	7	—	—	—	—	2
"	Shields	—	—	—	—	—	44	—	—	—	—	—	—	—	—	—

Meteorological Office 116, Victoria Str.t. Westminster S.W. ROBERT H. SCOTT, Director.